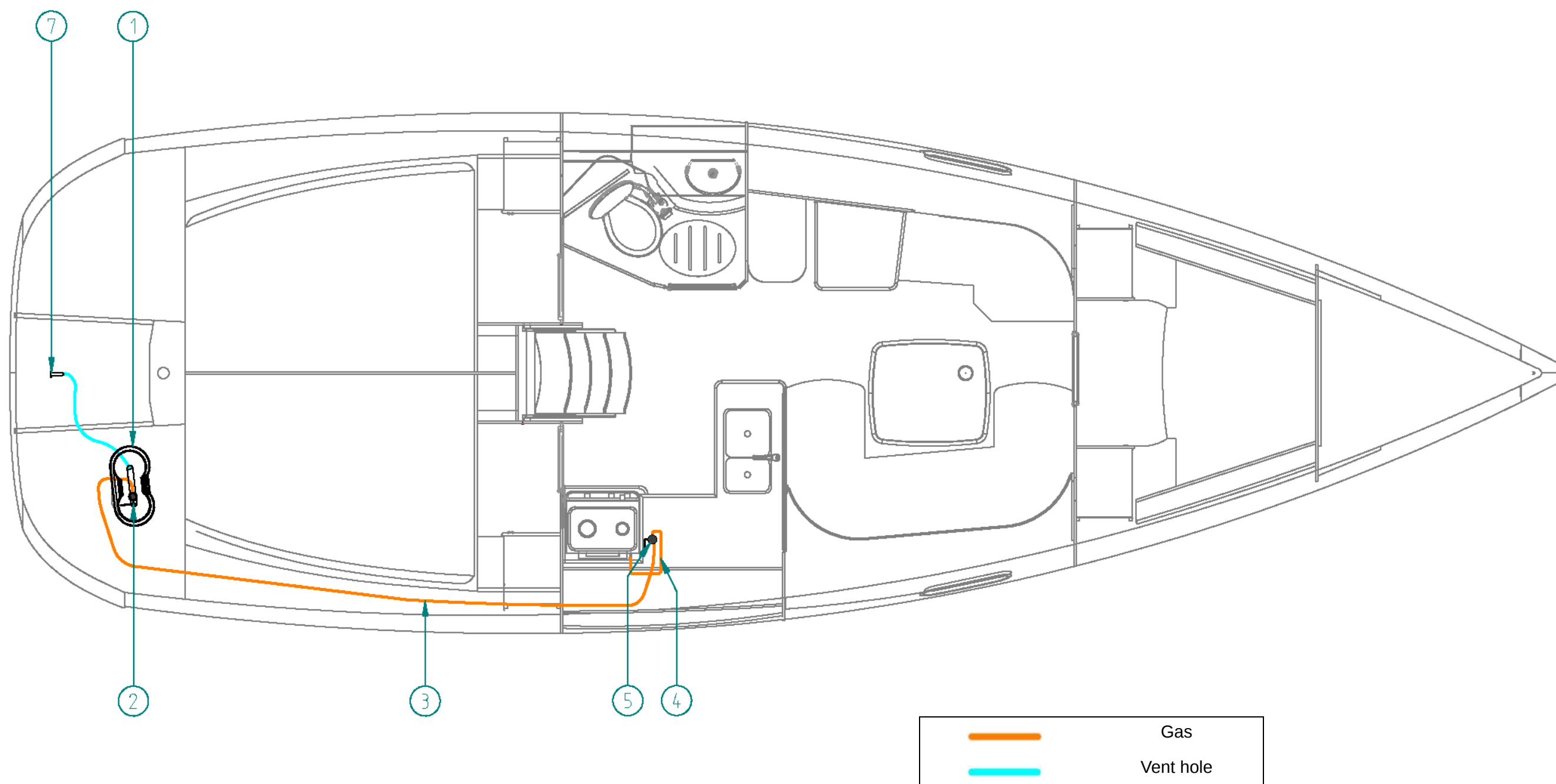
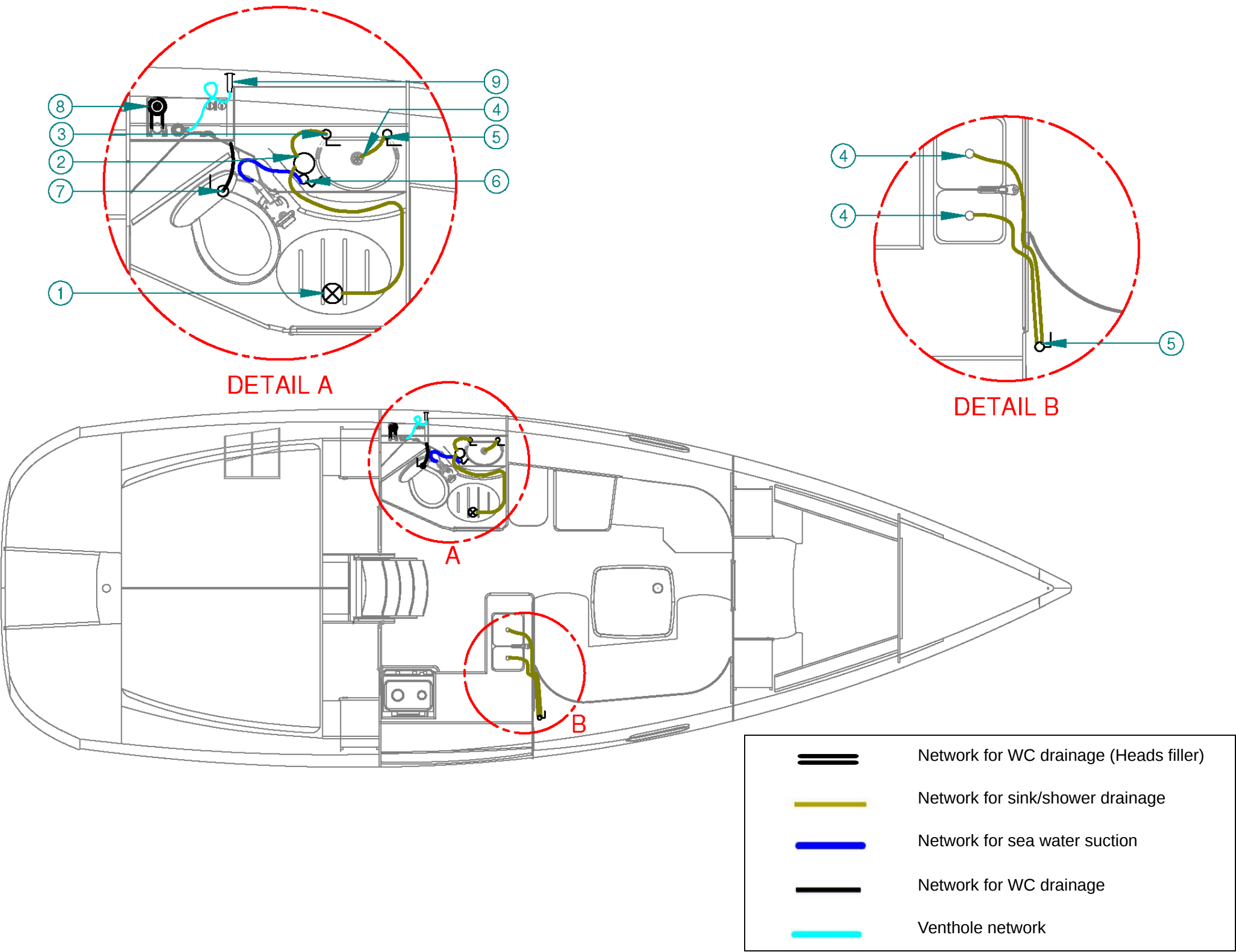




GAS SYSTEM

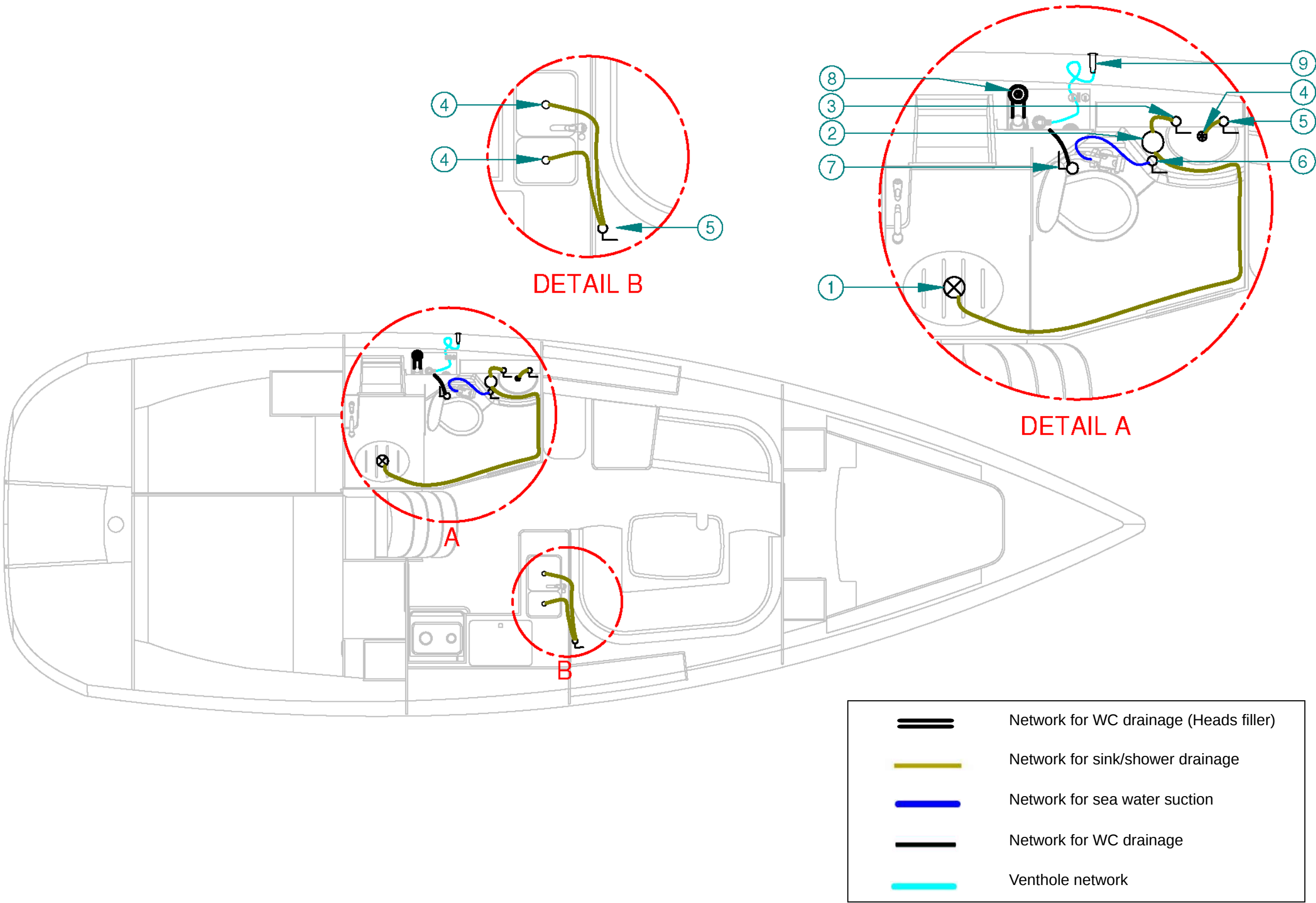
REFERENCE ON DIAGRAM	FUNCTIONS
1	Gas cylinder locker
2	Tap to turn off the gas - Valve on cylinder
3	Gas pipe
4	Gas rubber tubing
5	Tap to turn off the gas
6	
7	Vent hole - Gas



DRAINAGE OF THE BILGE

VERSION: 3 CABINS

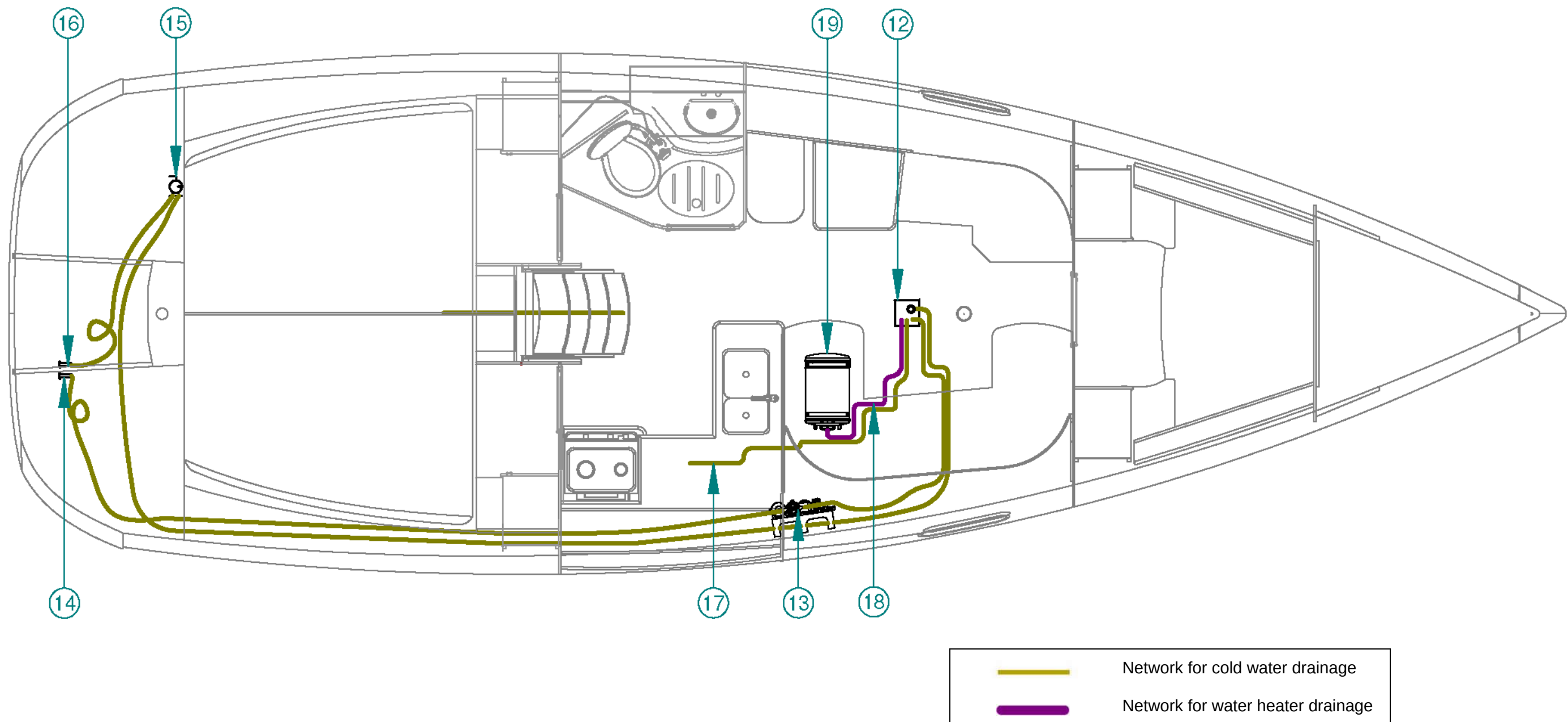
REFERENCE ON DIAGRAM	FUNCTIONS
1	Shower plug hole
2	Shower pump
3	Draining valve - Shower
4	Sink plug hole
5	Draining valve - Sink
6	Sea water suction valve - WC
7	Draining valve - WC / WHT
8	Filler cap - WHT
9	Vent hole - WHT



FRESH WATER SYSTEM

VERSION: 2 CABINS

REFERENCE ON DIAGRAM	FUNCTIONS
1	Shower plug hole
2	Shower pump
3	Draining valve - Shower
4	Sink plug hole
5	Draining valve - Sink
6	Sea water suction valve - WC
7	Draining valve - WC / WHT
8	Filler cap - WHT
9	Vent hole - WHT



DRAINAGE OF THE BILGE

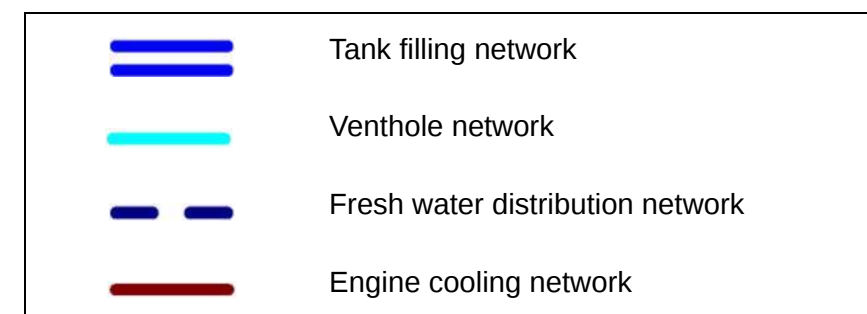
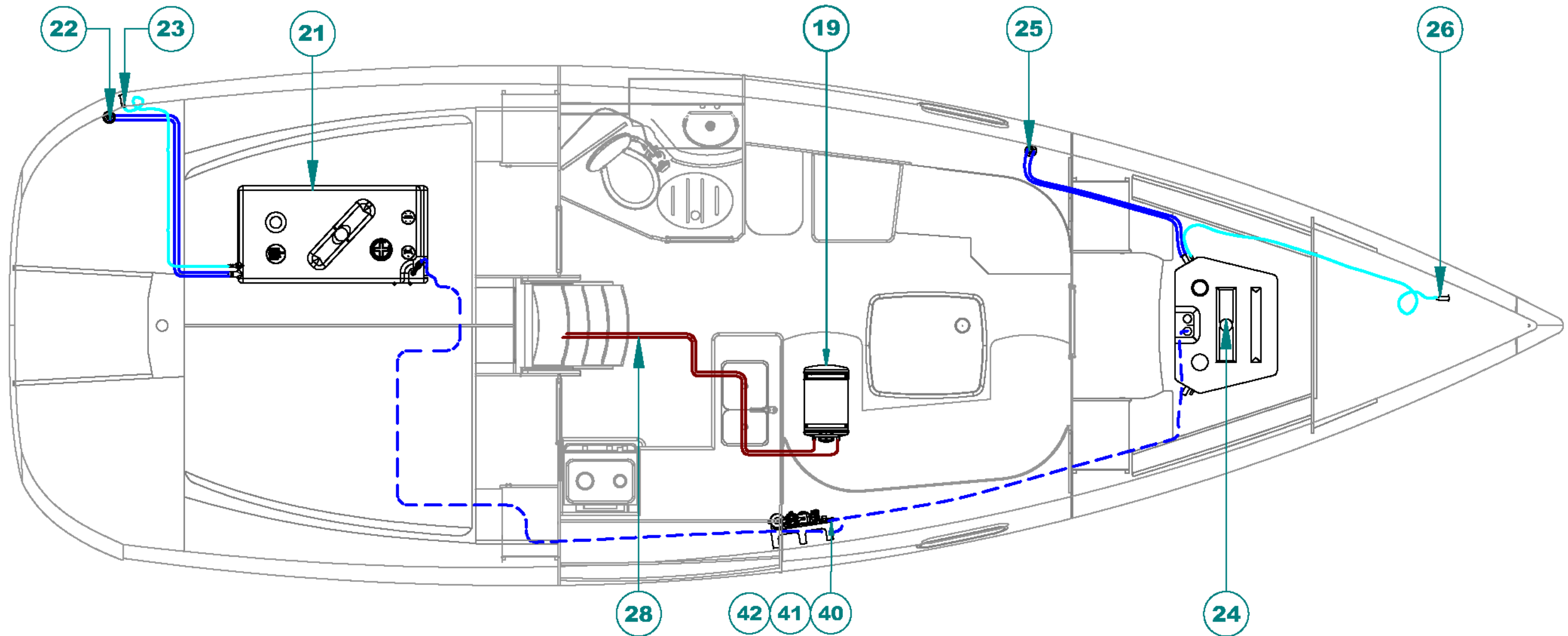
ALL VERSIONS

REFERENCE ON DIAGRAM	FUNCTIONS
10	
11	
12	Sump filter
13	Electric bilge pump
14	Drainage - Electric bilge pump
15	Manual bilge pump + By-pass
16	Drainage - Bilge pump
17	Icebox drainage
18	Boiler draining
19	Water heater

WATER TANK FILLING + WATER HEATER

ALL VERSIONS

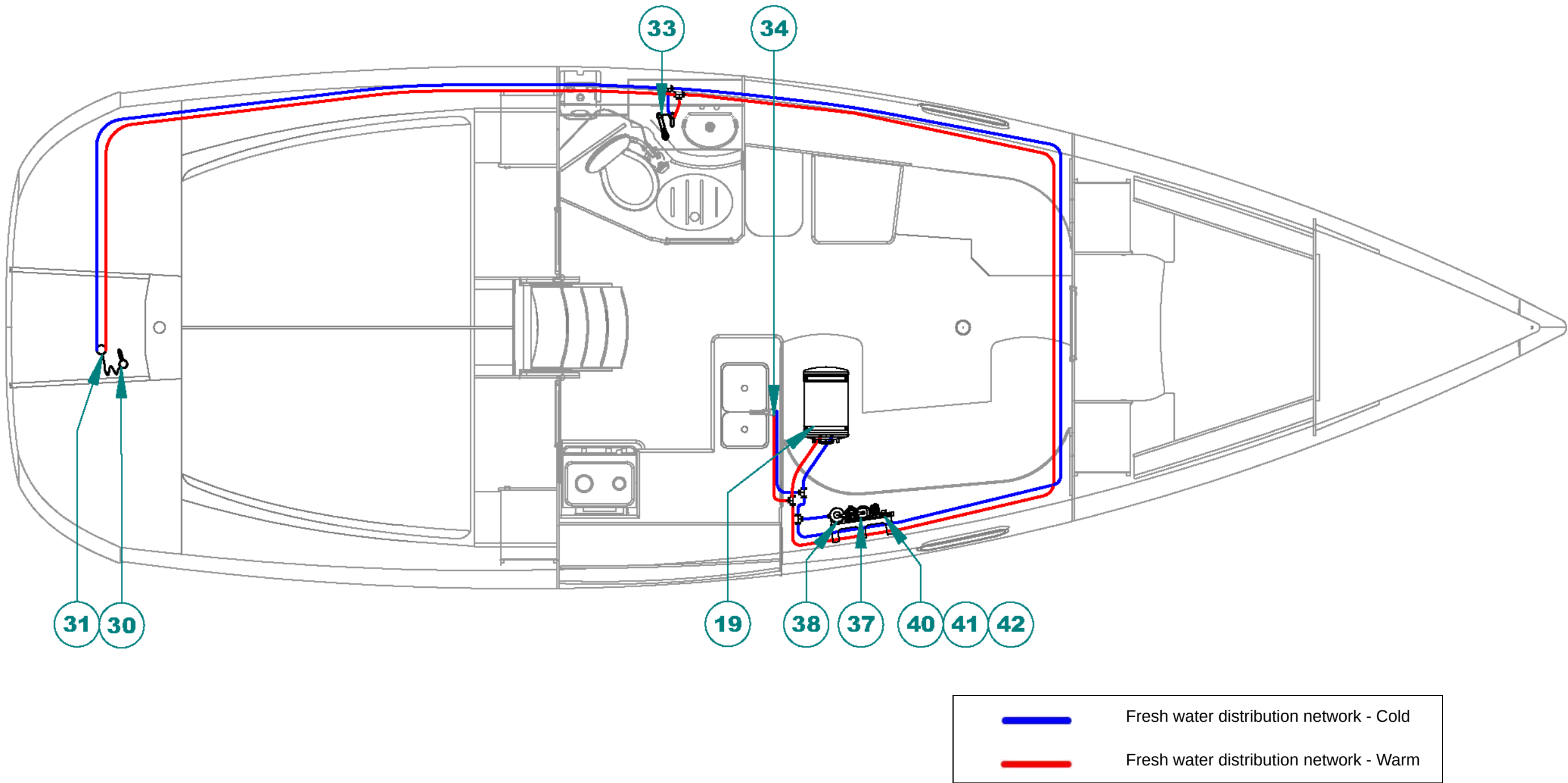
PLUMBING



WATER TANK FILLING + WATER HEATER

ALL VERSIONS

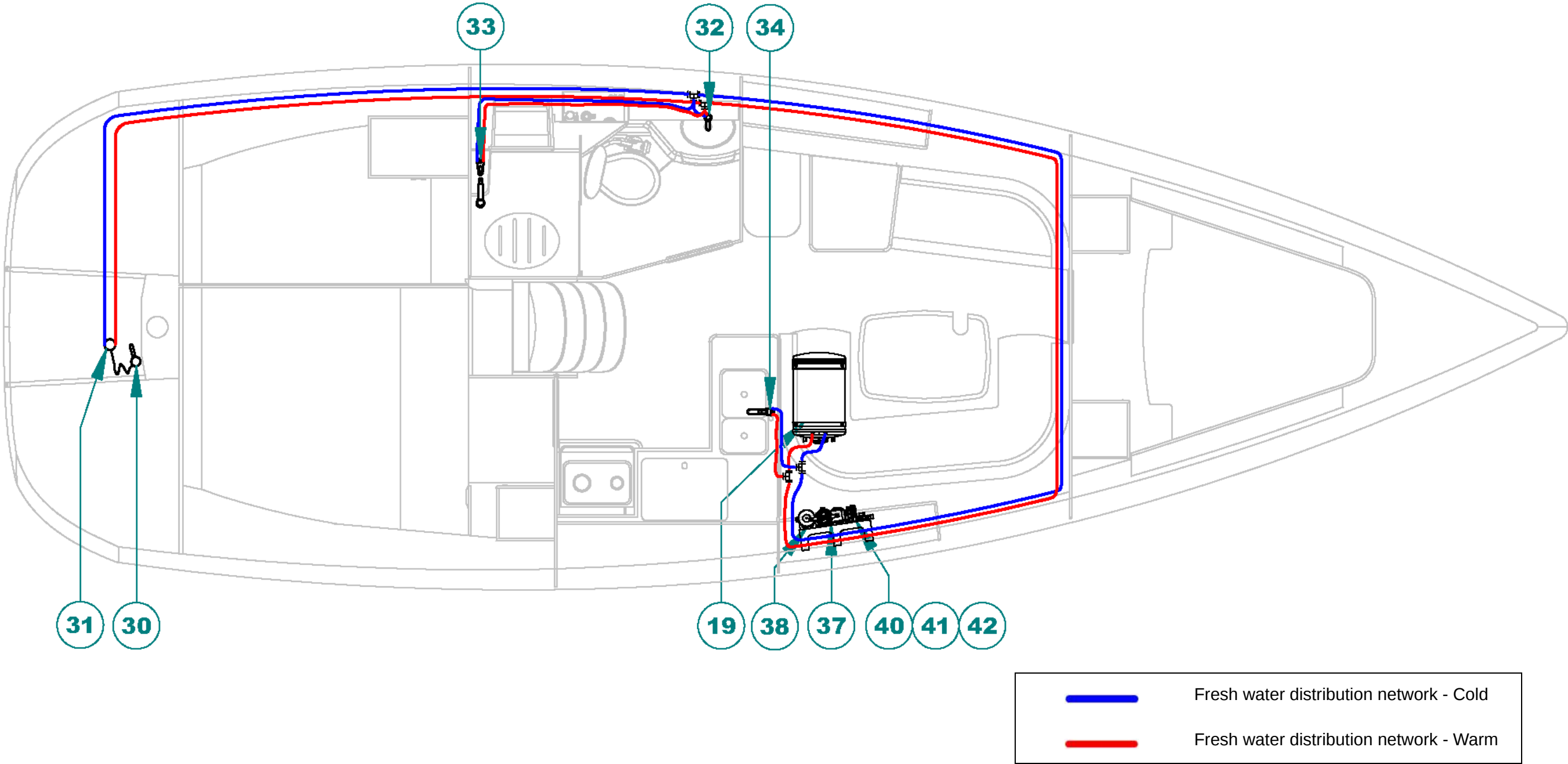
REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
21	Aft water tank
22	Filler of the aft water tank
23	Vent hole - Aft water tank
24	Forward water tank
25	Filler of the forward water tank
26	Vent hole - Forward water tank
27	
28	Hoses for engine coolant
29	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment)



FRESH WATER SYSTEM

VERSION: 3 CABINS

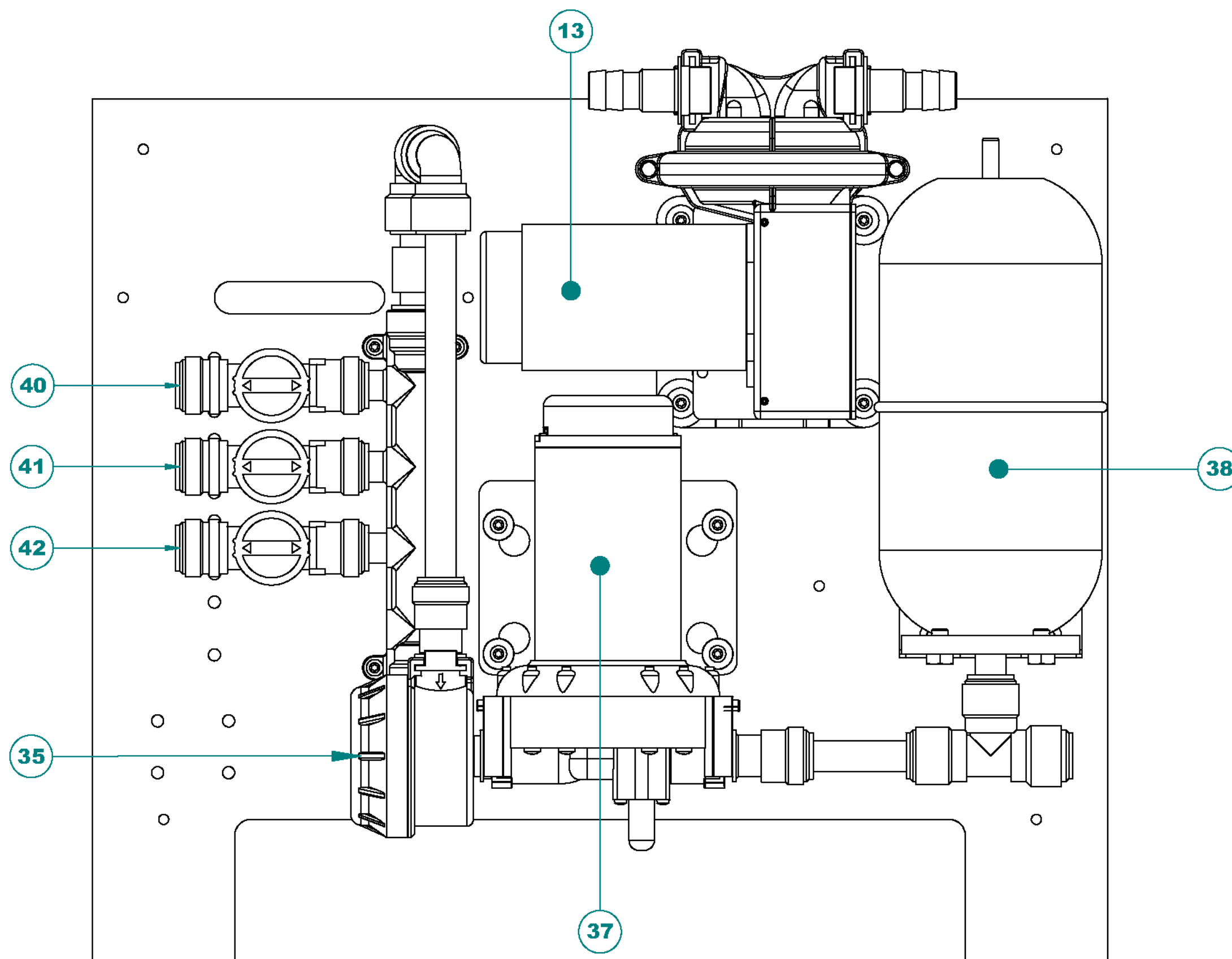
REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
27	
30	Deck shower
31	Deck shower mixer tap
33	Mixer tap + Shower
34	Sink mixer tap
35	
37	Water unit
38	Accumulator tank
39	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment)



FRESH WATER SYSTEM

VERSION: 2 CABINS

REFERENCE ON DIAGRAM	FUNCTIONS
19	Water heater
27	
30	Deck shower
31	Deck shower mixer tap
32	Washbasin mixer tap
33	Shower
34	Sink mixer tap
37	Water unit
38	Accumulator tank
39	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment)



FRESH WATER SYSTEM

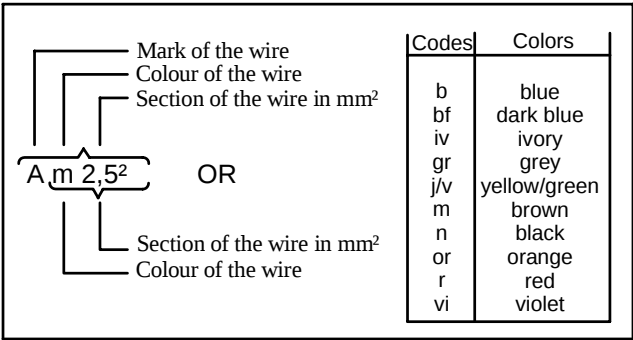
ALL VERSIONS

REFERENCE ON DIAGRAM	FUNCTIONS
13	Electric bilge pump
27	
35	Fresh water filter
37	Water unit
38	Accumulator tank
39	
40	Reservoir valve 1
41	Reservoir valve 2
42	Reservoir valve 3 (Optional equipment)

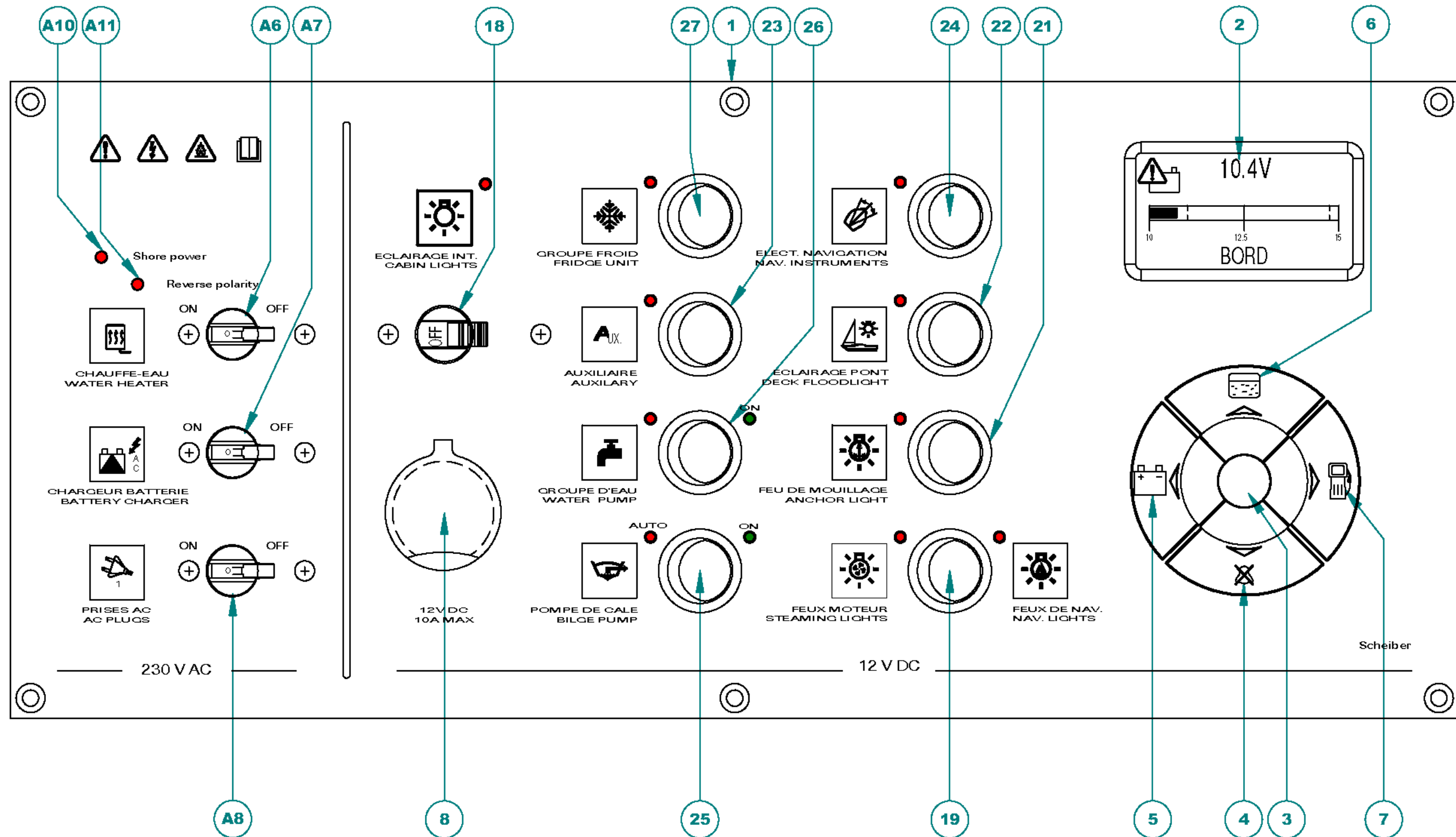
12 V DC CAPTION

	MISCELLANEOUS ITEMS		FAST CONNECTION
	OVERHEAD LIGHT		BATTERY SWITCH
	OVERHEAD LIGHT WITH SWITCH		WATTAGE CIRCUIT BREAKER
	SPOT LIGHT		DECK SWITCH
	FLUORESCENT LAMP AND NEON LIGHT		BALL RELEASE MECHANISM OF THE PUMP
	RED AND GREEN FORE LIGHTS		THERMOSTAT
	STERN LIGHT		DIAL (VARIOUS ITEMS)
	12 V DC SOCKET		GAUGE (RECEIVER)
	LOUDSPEAKER		TRANSMITTER
	ELECTRIC ENGINE		REMOTE CONTROL
	VENTILATOR		WINDLASS
	FM ELECTRONIC ANTENNA		SWITCH
	FLOWMETER TRANSMITTER		TWO-WAY SWITCH OR PUSH BUTTON
	RELAY BOX		OVERHEAT CONTACTOR
	POWER DISTRIBUTOR		RADIO CASSETTE PLAYER AND/OR CD PLAYER
	SHUNT		BATTERY
	FUSE		ELECTRICAL PANEL
	EARTH CONNECTOR		
	CONNECTING STRIP		
	BRANCH		

References of the wires

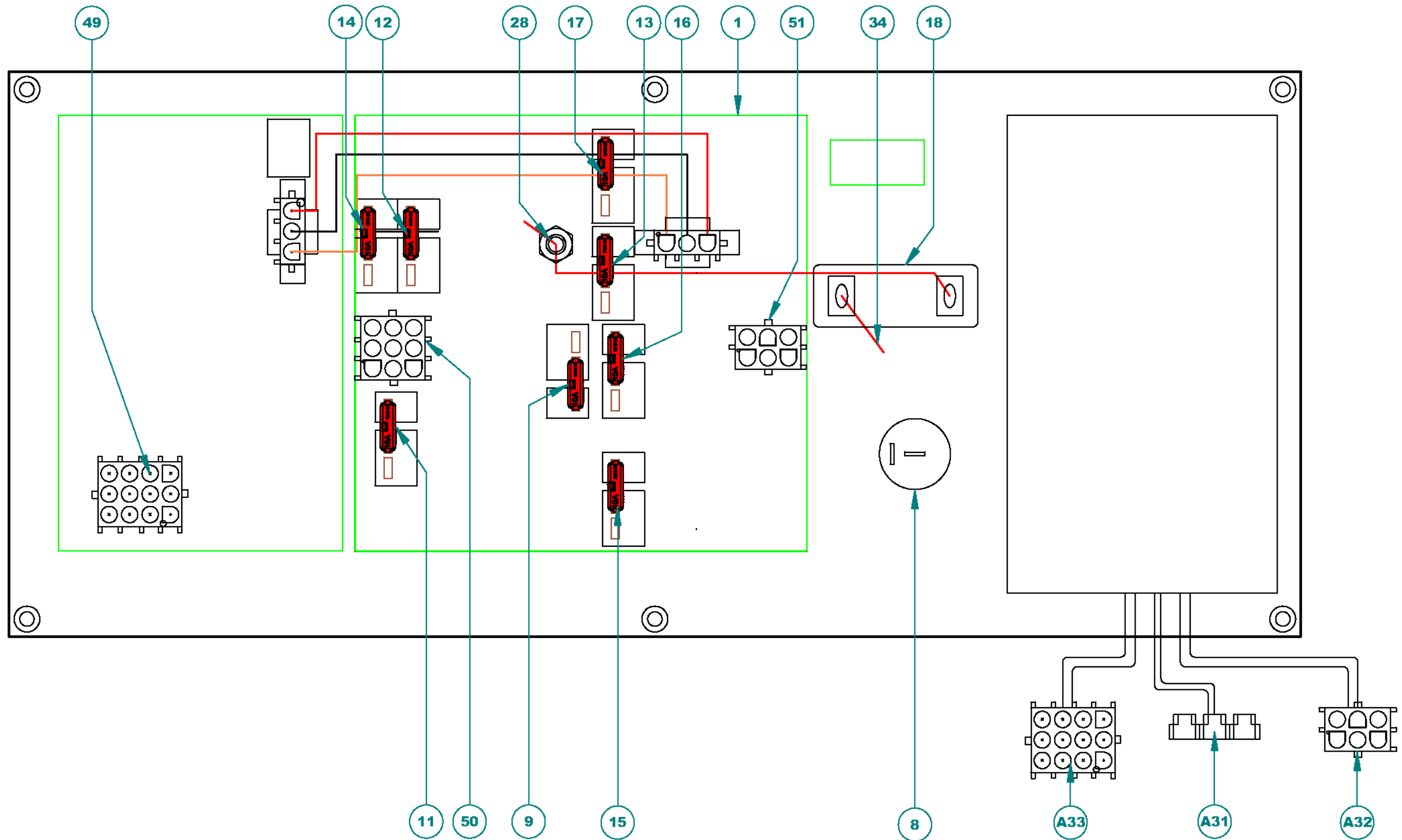


PAGE NUMBER	INDEX	SIZE
F01	INDEX OF THE WIRING DIAGRAMS	A3
F02		
F03	ELECTRICAL PANEL	A3
F04	ELECTRICAL PANEL WIRING	A3
F05	ELECTRICAL PANEL WIRING	A3
F06	ELECTRICAL PANEL - BREAKERS	A3
F07		
F08		
F09	ELECTRIC JUNCTION PANEL	A3
F10	12 V DC ELECTRICAL PASSAGE (POWER - ENGINE - WINDLASS)	A3
F11	12 V DC ELECTRICAL SCHEMATIC DIAGRAM (POWER - ENGINE - WINDLASS)	A3
F12		
F13		
F14		
F15	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (FORWARD CABIN)	A3
F16	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (SALOON, GALLEY) - VERSION 3 CABINS)	A3
F17	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (SALOON, GALLEY) - VERSION 2 CABINS)	A3
F18	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (AFT CABIN) - VERSION 3 CABINS)	A3
F19	12 V DC ELECTRICAL DIAGRAM AND PASSAGE (AFT CABIN) - VERSION 2 CABINS)	A3
F20	OPTIONAL WIRE RUN	A3
F21		
F22		
F23		
F24		
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F30	230 V AC ELECTRICAL SCHEMATIC DIAGRAM	A3
F31	230 V AC ELECTRICAL PASSAGE (VERSION 3 CABINS)	A3
F32	230 V AC ELECTRICAL PASSAGE (VERSION 2 CABINS)	A3
F33		
F34		
F35	115 V AC ELECTRICAL SCHEMATIC DIAGRAM	A3
F36	155 V AC ELECTRICAL PASSAGE (VERSION 3 CABINS)	A3
F37	155 V AC ELECTRICAL PASSAGE (VERSION 2 CABINS)	A3
F38		
F39		
F40		



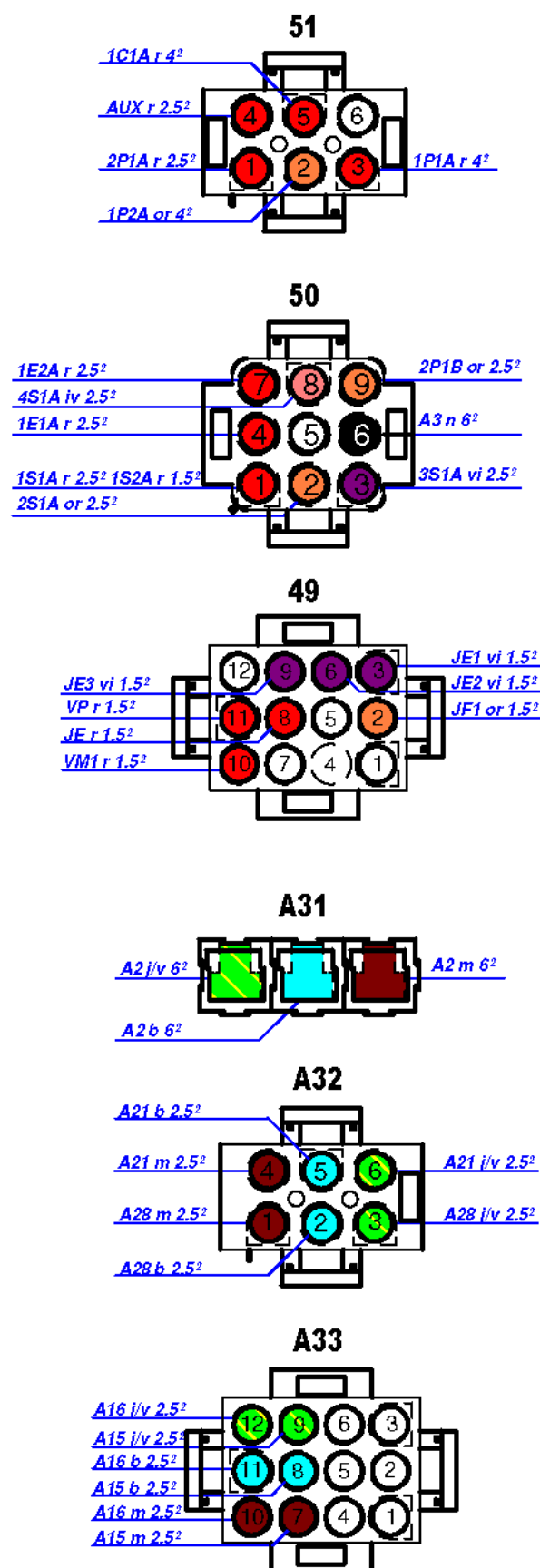
ELECTRICAL PANEL

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
2			Multi-function display
3			Change over switch - voltmeter inlet - Water gauge / Fuel oil gauge
4			Selector - Contrast
5			Selector - Voltmeter
6			Selector - Water gauge
7			Selector - Fuel oil gauge
8	1F1A		12 V DC socket - Electrical panel
10			
18	A2	50 A	General circuit breaker "Interior lighting"
19			Switch "Navigation light / Engine navigation light"
20			
21			Switch "Mooring light"
22			Switch "Deck light"
23			Switch "Auxiliary" (Optional equipment)
24			Switch "Navigation electronics"
25			Switch "Bilge pump"
26			Switch "Water unit"
27			Switch "Refrigeration unit"
28			Supply - Electrical panel
29			
A6	A6	15 A	bipolar circuit breaker "water heater"
A7	A7	15 A	bipolar circuit breaker "battery charger"
A8	A8	15 A	bipolar circuit breaker "AC sockets"
A9			
A10	A10		Live shore power line warning light - "Shore power"
A11	A11	115V AC	Warning light - reversal of polarity
A12			



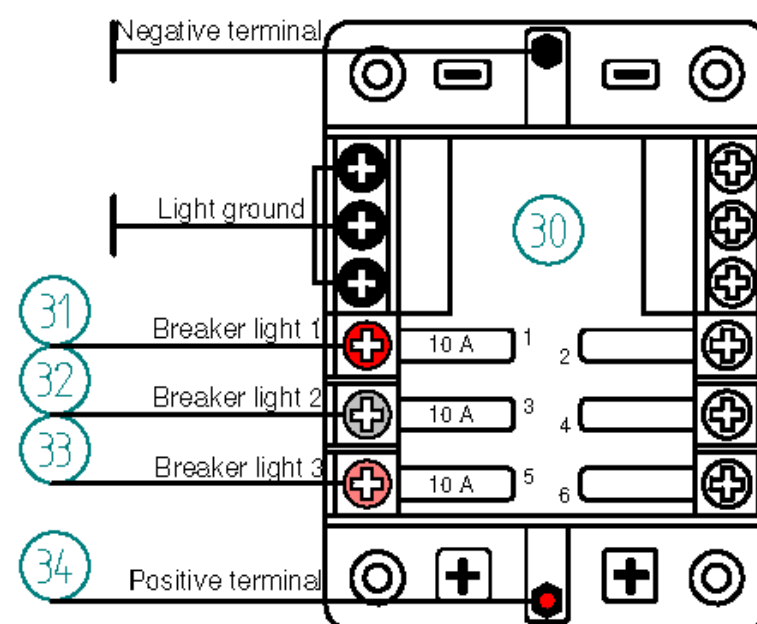
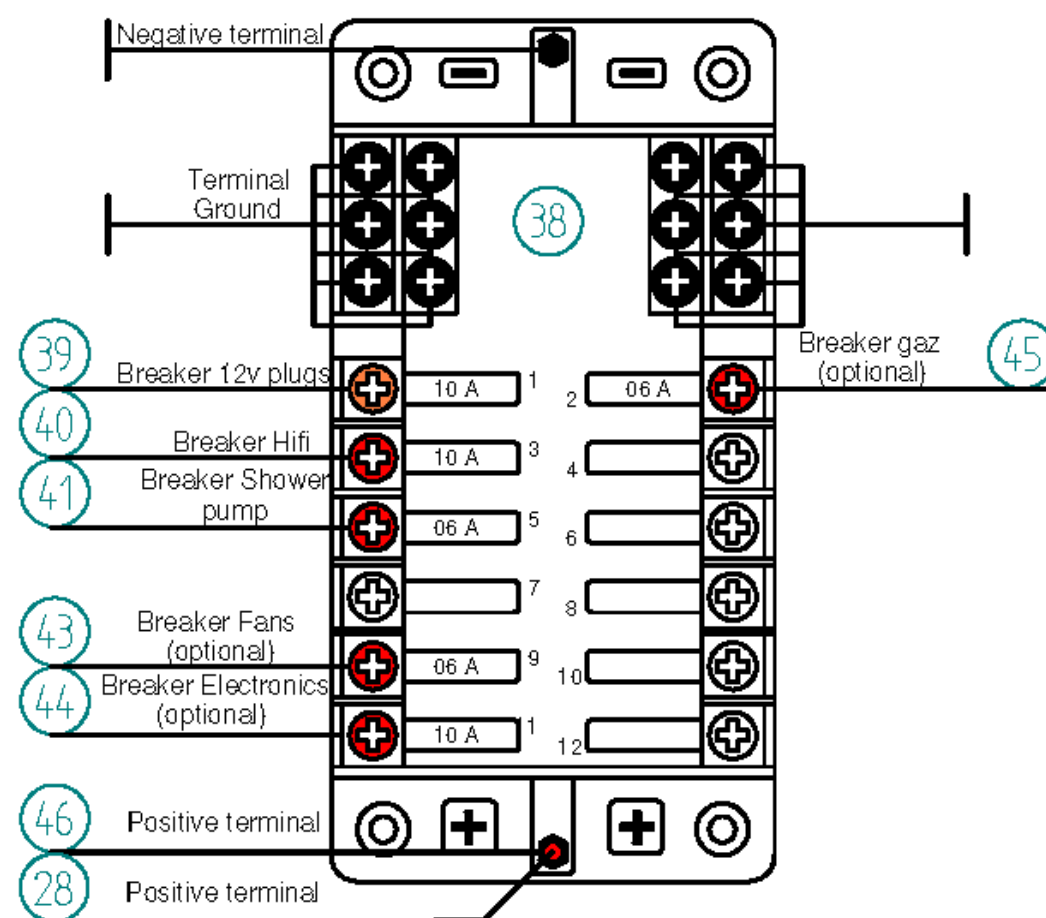
ELECTRICAL PANEL WIRING

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
8	1F1A		12 V DC socket - Electrical panel
9	1S1A-1S2A	10 A	Breaker "Navigation light /Engine navigation light"
10			
11	3S1A	10 A	Breaker "Mooring light"
12	4S1A	10 A	Breaker "Deck light"
13	AUX	10 A	Breaker "Auxiliary" (Optional equipment)
14	1E(1,2)A	10 A	Breaker "Navigation electronics"
15	1P1A-1P2A	10 A	Breaker "Bilge pump"
16	2P1A-2P1B-JE	10 A	Breaker "Water unit"
17	1C1A	10 A	Breaker "Refrigeration unit"
18	A2	50 A	General circuit breaker "Interior lighting"
28			Supply - Electrical panel
29			
34			General circuit breaker "Interior lighting"
35			
48			
49			12 way connector : Electrical panel - Hull system
49-1	JF		(-) Shunt
49-2	JF		Fuel oil tank
49-3	JE1		Water reservoir No 1
49-4	JF		(+) Shunt
49-5			
49-6	JE2		Water reservoir No 2
49-7			
49-8	JE		Supply - Water probe
49-9	JE3		Water reservoir No 3 (Optional equipment)
49-10	VM1		Engine battery
49-11	VP		Auxiliary battery (Optional equipment)
49-12			
50			9 way connector : Electrical panel - Hull system
50-1	1S1A-1S2A		Navigation light
50-2	2S1A		Engine navigation light
50-3	3S1A		Mooring light
50-4	1E1A		Navigation electronics
50-5			
50-6	A3		Ground
50-7	1E2A		Navigation electronics
50-8	4S1A		Deck light
50-9	2P1B		Water system (Entrance - LED)
51			6 way connector : Electrical panel - Hull system
51-1	2P1A		Fresh water unit
51-2	1P1A		Automatic bilge pump
51-3	1P1A		Manual bilge pump
51-4	AUX		Auxiliary
51-5	1C1A		Refrigeration unit
51-6			
52			
A31			Connector "Supply - Panel"
A32			Connector "Water heater - Charger"
A33			Connector "Sockets"



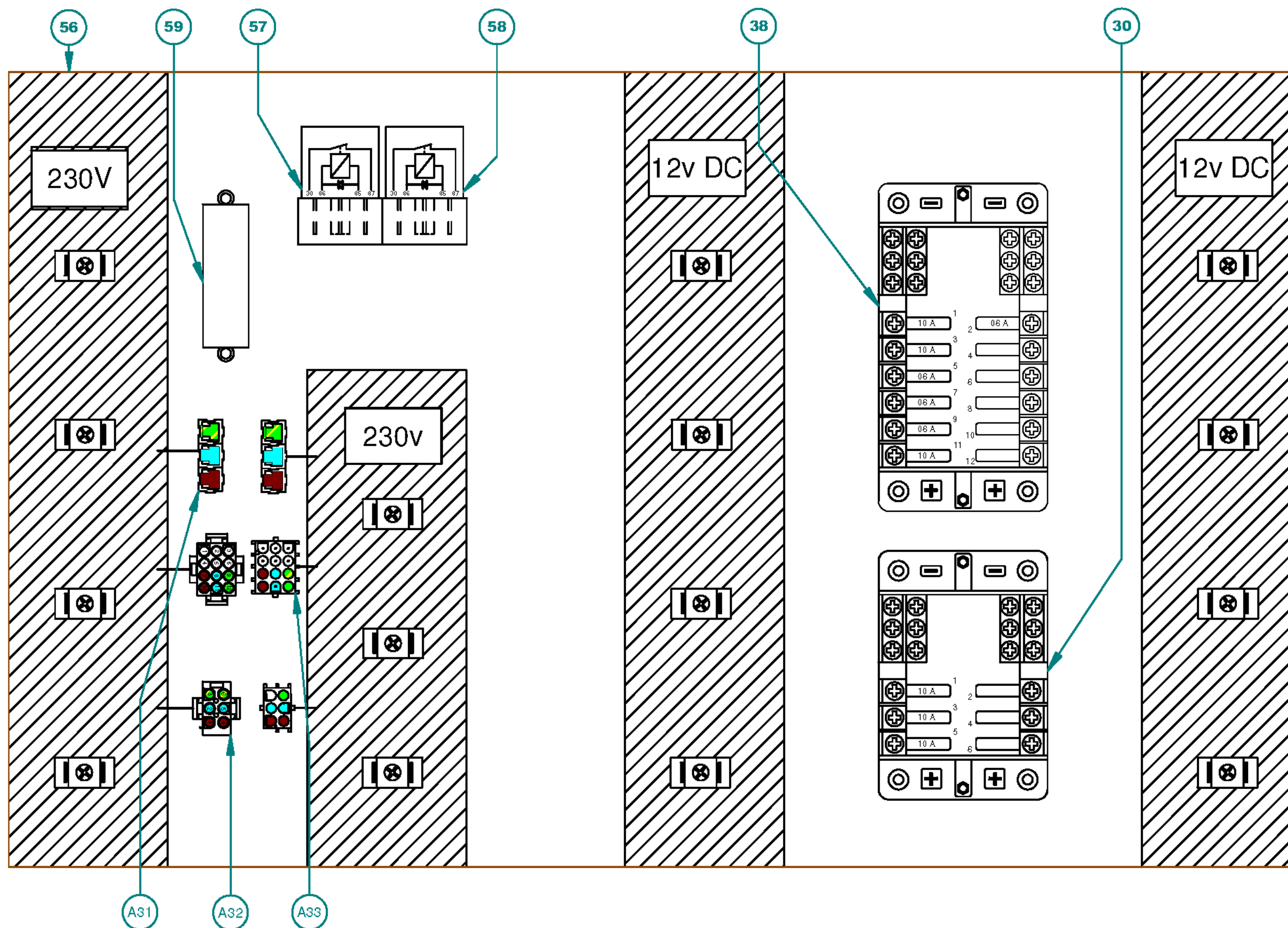
ELECTRICAL PANEL WIRING

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
49			12 way connector : Electrical panel - Hull system
49-1	CA		(-) Shunt
49-2	JF		Fuel oil tank
49-3	JE1		Water reservoir No 1
49-4	CA		(+) Shunt
49-5			
49-6	JE2		Water reservoir No 2
49-7			
49-8	JE		Supply - Water probe
49-9	JE3		Water reservoir No 3 (Optional equipment)
49-10	VM1		Engine battery
49-11	VP		Auxiliary battery (Optional equipment)
49-12			
50			9 way connector : Electrical panel - Hull system
50-1	1S1A-1S2A		Navigation light
50-2	2S1A		Engine navigation light
50-3	3S1A		Mooring light
50-4	1E1A		Navigation electronics
50-5			
50-6	A3		Ground
50-7	1E2A		Navigation electronics
50-8	4S1A		Deck light
50-9	2P1B		Water system (Entrance - LED)
51			6 way connector : Electrical panel - Hull system
51-1	2P1A		Fresh water unit
51-2	1P1A		Automatic bilge pump
51-3	1P1A		Manual bilge pump
51-4	AUX		Auxiliary
51-5	1C1A		Refrigeration unit
51-6			
52			
A31			Connector "Supply - Panel"
A32			Connector "Water heater - Charger"
A33			Connector "Sockets"



PANEL - BREAKER

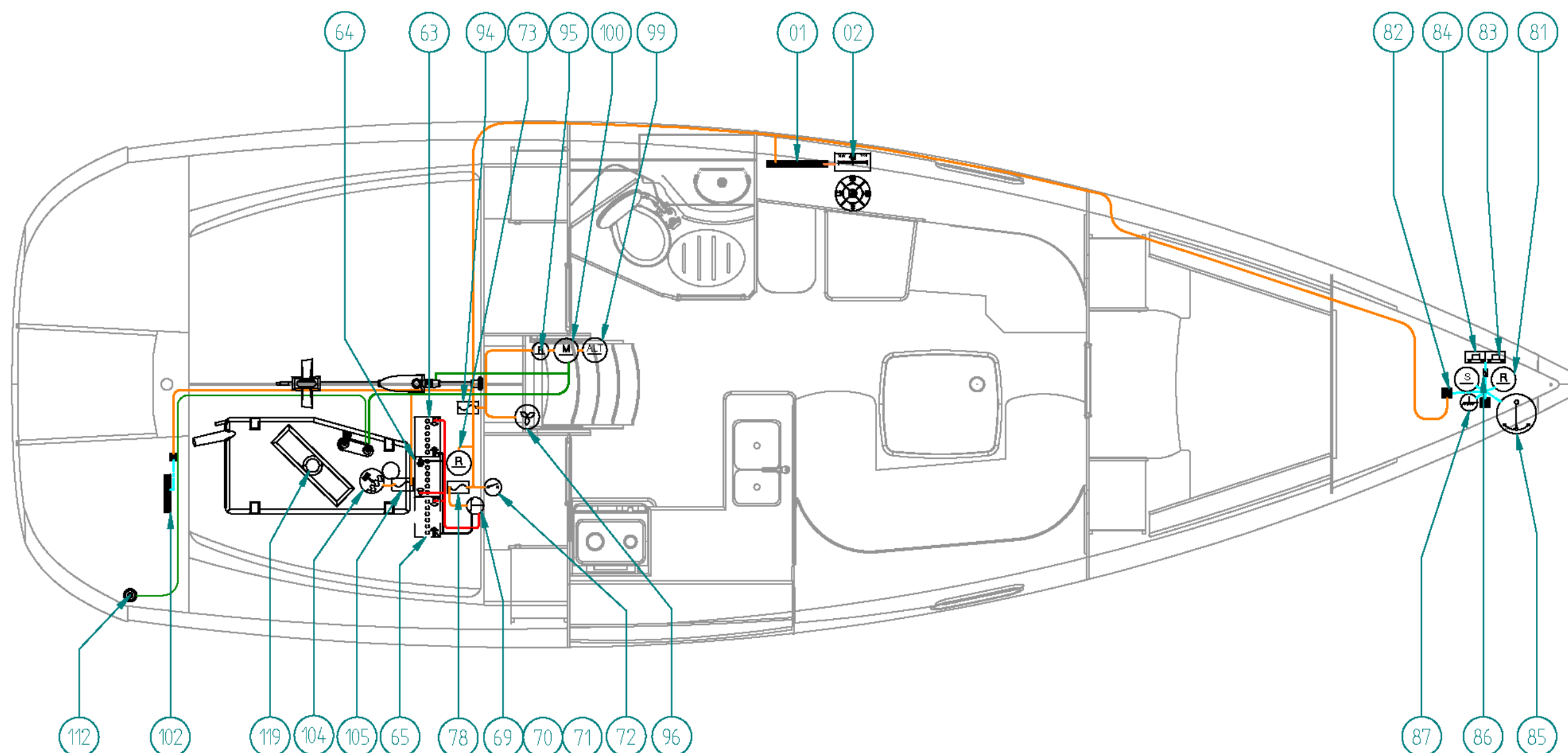
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
28			Supply - Electrical panel
29			
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"
31	1L1A	10 A	Breaker "Interior lights 1"
32	2L1A - 2L2A	10 A	Breaker "Interior lights 2"
33	3L1A - 3L2A	10 A	Breaker "Interior lights 3"
34			General circuit breaker "Interior lighting"
35			
36			
37			
38			Electric terminal "DC AMPS / 12 V VOLTS DC"
39	1F(1,2,3,4,)A	10 A	Breaker "12 V DC sockets"
40	1HF1A-	10 A	Breaker "VHF / Hifi"
41	3P1A	06 A	Breaker "Shower pump"
42			
43	1VE1A - 1VE2A	06 A	Breaker "Ventilators" (Optional equipment)
44	2E1A	10 A	Breaker "Navigation electronics"
45	GAZ	06 A	Breaker "Electromagnetic valve for gas" (Optional equipment)
46	A1		Electric terminal "Fuse - house"
47		10 A	Breaker "Navigation electronics - 2"
48			



ELECTRIC JUNCTION PANEL

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"
37			
38			Electric terminal "DC AMPS / 12 V VOLTS DC"
48			
55			
56			Electrical panel mount
57	1E1A-1E1B-1E3A		Relay box - Auto pilot (Optional equipment)
58	1E3A-2E1A		Relay box - Exterior tractor (Optional equipment)
59	AUX-1E2A-1E1A		Barette - Optional equipment
60			
A31			Connector: "Supply - Panel"
A32			Connector: "Water heater - Charger"
A33			Connector "Sockets"

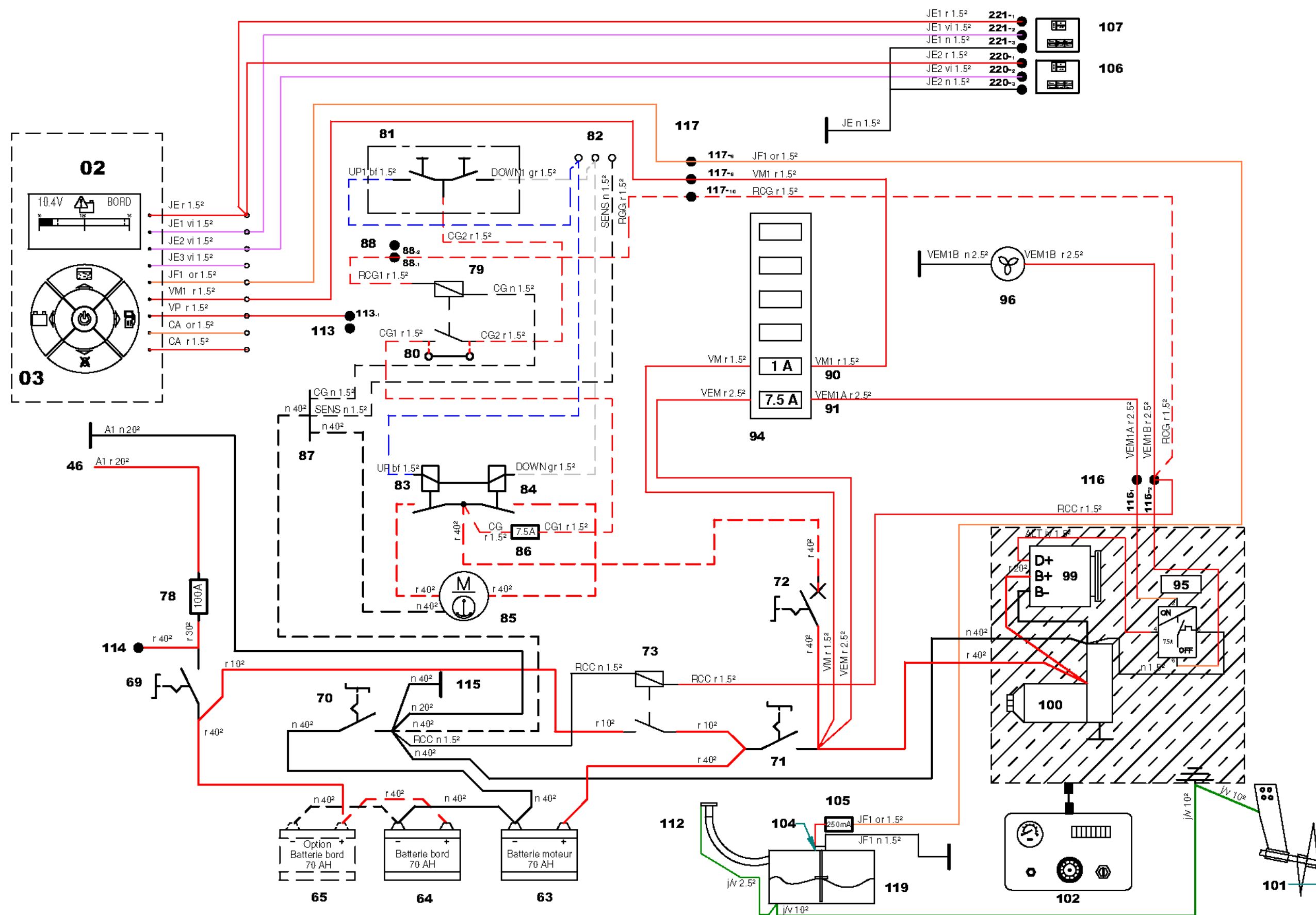
ALL VERSIONS



12 V DC ELECTRICAL PASSAGE (POWER)**ALL VERSIONS**

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
2			Multi-function display
62			
63		70 Ah	Engine battery
64		70 Ah	House battery
65		70 Ah	House battery (optional)
67			
69		150 A	Battery switch "Positive house"
70		150 A	Battery switch "Negative terminal"
71		150 A	Battery switch "Positive engine"
72		100 A	Windlass circuit breaker
73		70 A	Relay coupler
74			
78		100 A	General fuse - House
81	UP1-DOWN1		Control relay of electric windlass
82			3 way connector : Windlass system - Dual control harness and windlass chain meter
83	UP		Up relay on electric windlass
84	DOWN		Down relay on electric windlass
85		1 000 W	12 V DC electric windlass
86	CG-CG1-CG2	7,5 A	Safety fuse of windlass safety box supply
87	CG-SENS		Ground connecting terminal panel - Electric windlass
89			
94			Fuse box holder
95			Relay box:- Safety - Engine
96	VEM1B	52 W	Engine compartment ventilator
97			
99		40 A	Engine alternator
100		1 800 W	Engine starter
102			Engine panel
103			
104	JF1		Fuel oil gauge transmitter
105	JF1	250 mA	Safety fuse of fuel oil gauge
112			Fuel oil tank filler
119			Fuel tank
120			

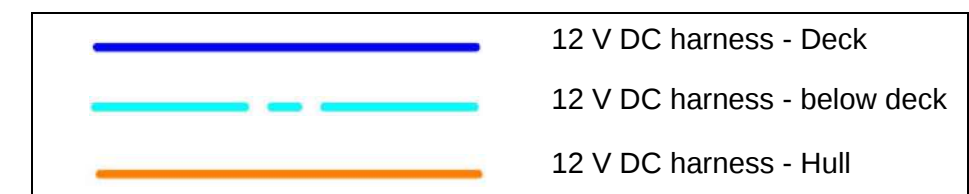
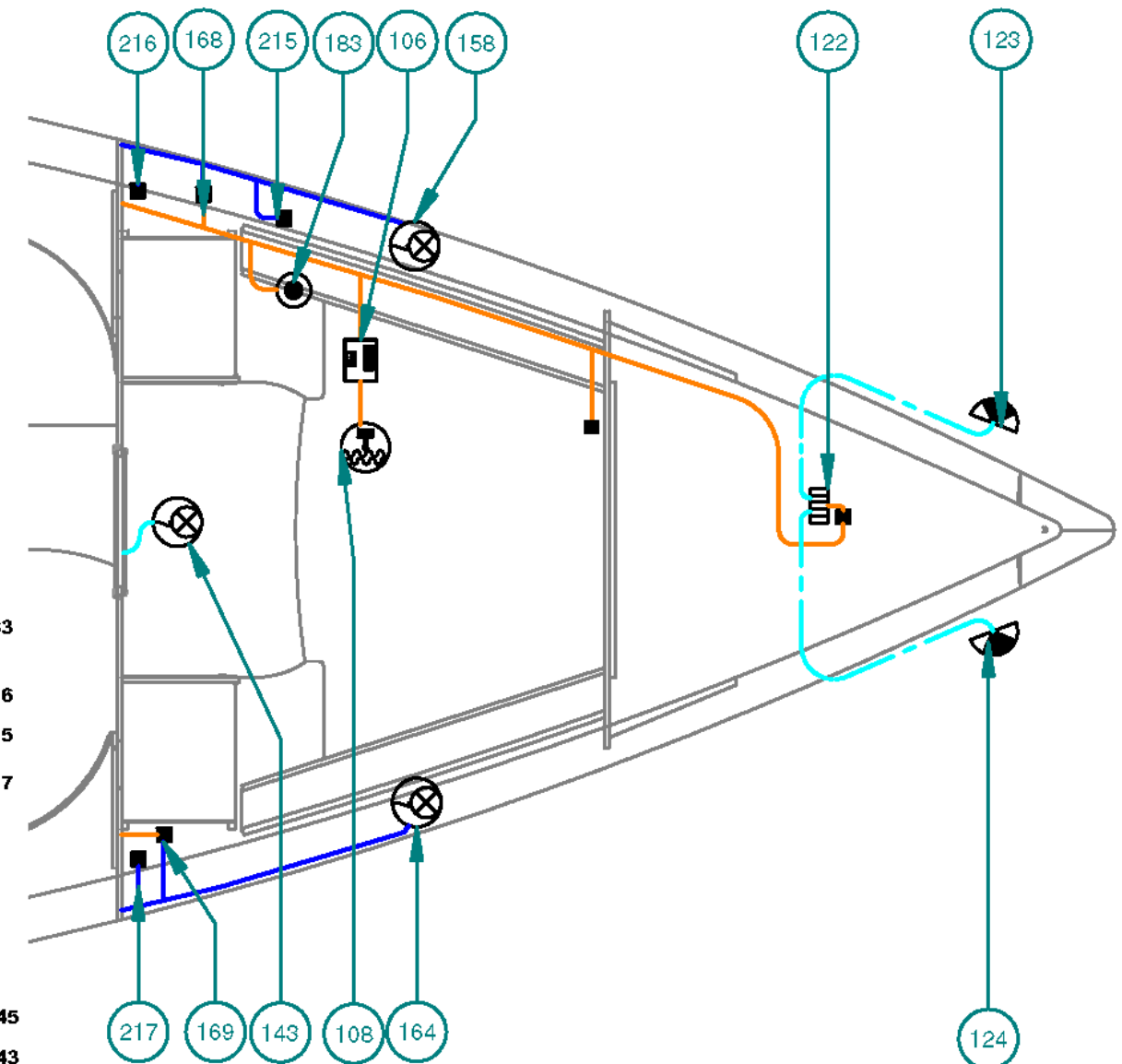
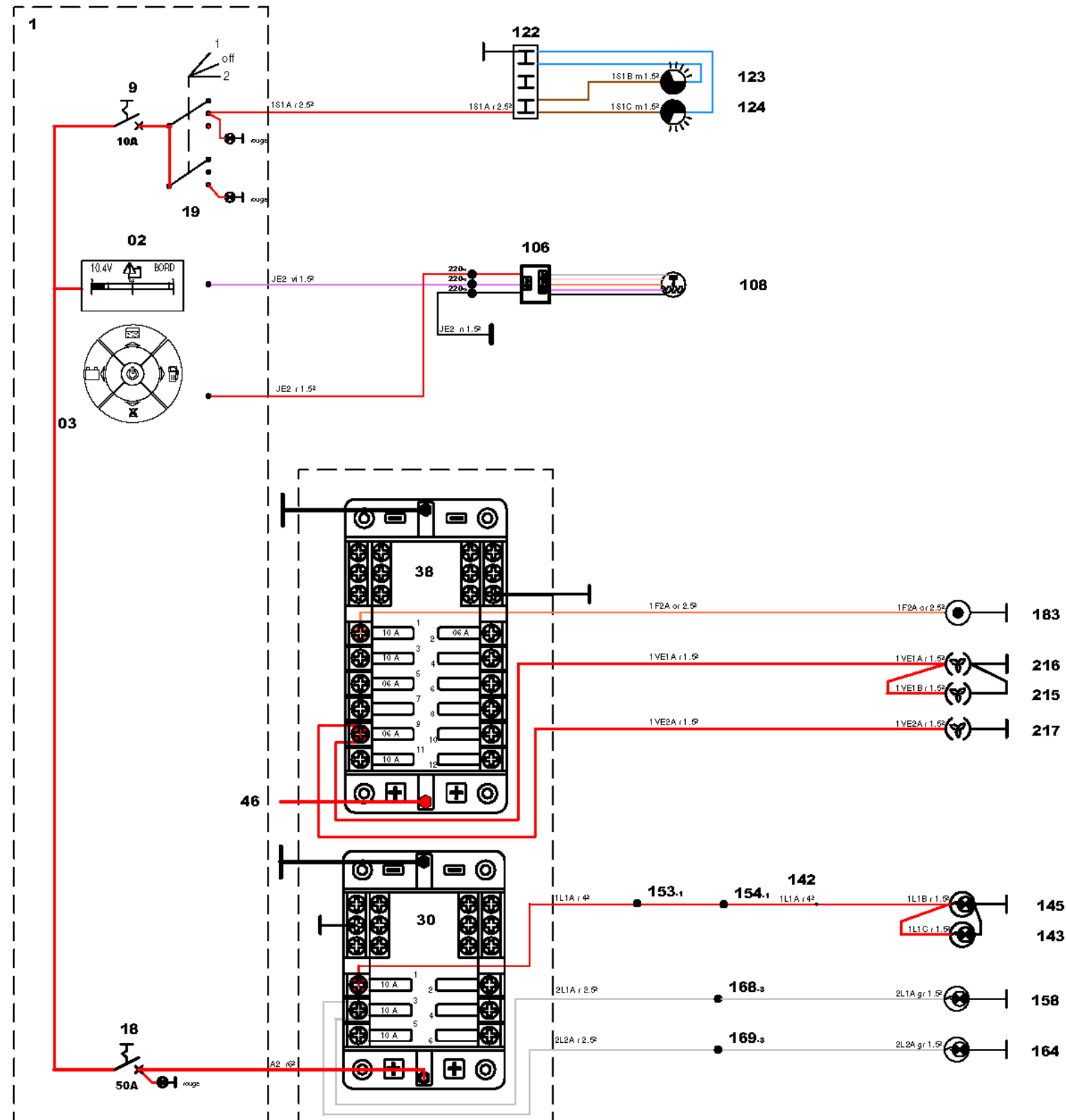
12 V DC ELECTRICAL SCHEMATIC DIAGRAM (POWER - ENGINE - WINDLASS)



12 V DC ELECTRICAL SCHEMATIC DIAGRAM (POWER - ENGINE - WINDLASS)

REFERENCE ON DIAGRAM	WIRE REFERENC E	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENC E	AMPERAGE OR WATTAGE	FUNCTIONS
2			Multi-function display	90	VM-VM1	1 A	Safety fuse of the engine voltmeter
3			Change over switch - voltmeter inlet - Water gauge / Fuel oil gauge	91	VEM-VEM1A	7,5 A	Safety fuse of bilge ventilator
46			Electric terminal - "Fuse - house"	93			
54				94			Fuse box holder
55				95			Relay box: Safety - Engine
62				96	VEM1B	52 W	Engine compartment ventilator
63		70 Ah	Engine battery	97			
64		70 Ah	House battery	99		40 A	Engine alternator
65		70 Ah	House battery (optional)	100		1 800 W	Engine starter
66				101			Anode on drive shaft
68				102			Engine panel
69		150 A	Battery switch "Positive house"	103			
70		150 A	Battery switch "Negative terminal"	104	JF1		Fuel oil gauge transmitter
71		150 A	Battery switch "Positive engine"	105	JF1	250 mA	Safety fuse of fuel oil gauge
72		100 A	Windlass circuit breaker	106	JE2		Control box: Water level - Forward tank
73		70 A	Relay coupler	107	JE1		Control box: Water level - Aft tank
74				108			Gauge - Forward tank
78		100 A	General fuse - House	109			Gauge - Aft tank
79			Safety box - Electric windlass	112			Fuel oil tank filler
80			No shunt so that the windlass works after the start of the engine	113			
81	UP1-DOWN 1		Control relay of electric windlass	114			Panel - Optional equipment
82			3 way connector : Windlass system - Dual control harness and windlass chain meter	115			Panel - Ground (Optional equipment)
83	UP		Up relay on electric windlass	116			2 way connector : Engine - Engine system
84	DOWN		Down relay on electric windlass	117			10 way connector : Engine system - Hull system
85		1 000 W	12 V DC electric windlass	118			
86	CG-CG1-CG 2	7,5 A	Safety fuse of windlass safety box supply	119			Fuel tank
87	CG-SENS		Ground connecting terminal panel - Electric windlass	120			
88			2 way connector : Windlass system - Hull harness	220	JE2		3 way connector : Hull system - Control box - Water level - Forward tank
89				221	JE1		3 way connector : Hull system - Control box - Water level - Aft tank

12 V DC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN

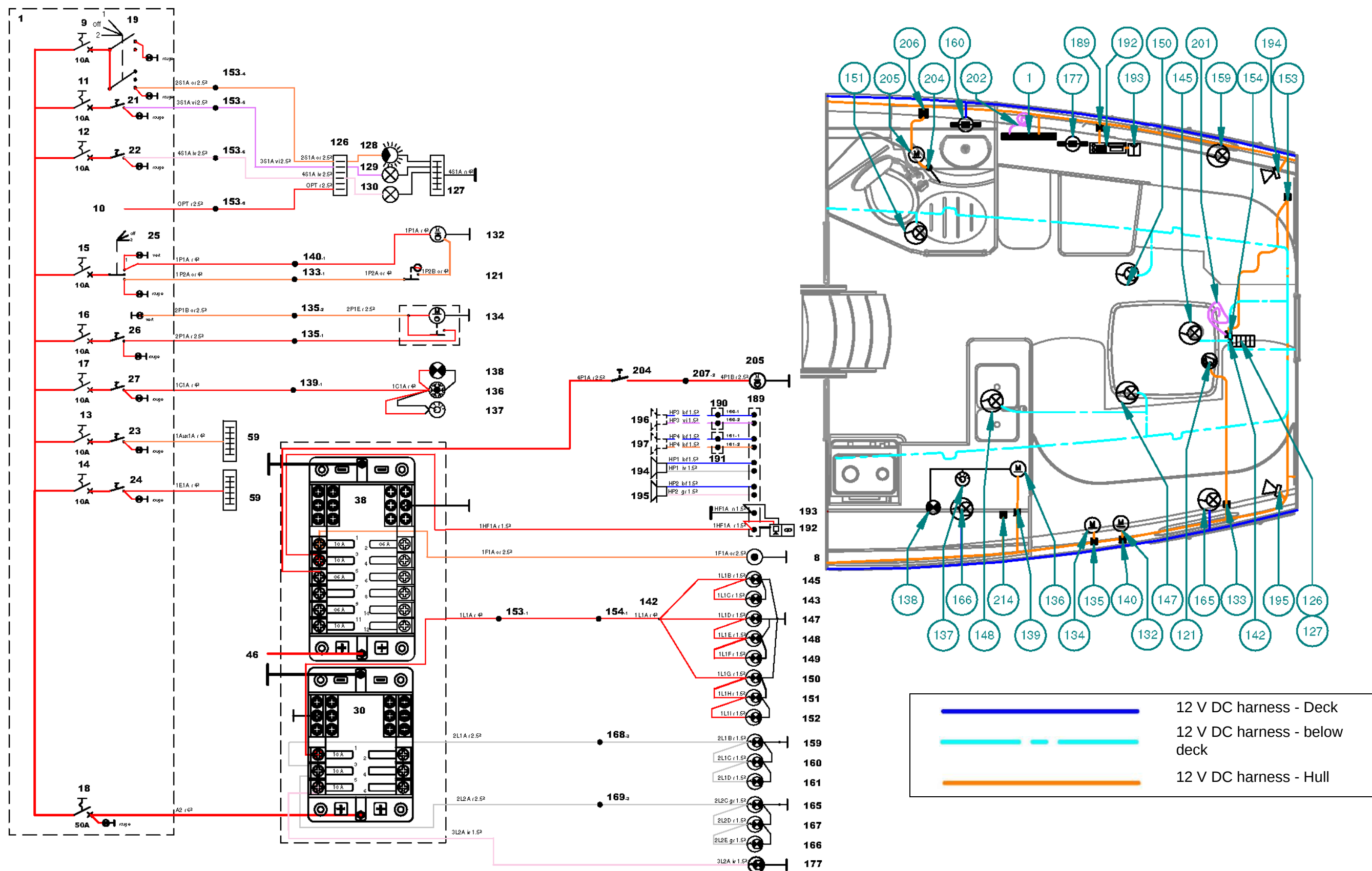


12 V DC ELECTRICAL SCHEMATIC DIAGRAM - FORWARD CABIN

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"
2			Multi-function display
3			Change over switch - voltmeter inlet - Water gauge / Fuel oil gauge
9	1S1A-1S2A	10 A	Breaker "Navigation light / Engine navigation light"
10			
18	A2	50 A	General circuit breaker "Interior lighting"
19			Switch "Navigation light / Engine navigation light"
20			
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"
37			
38			Electric terminal "DC AMPS / 12 V VOLTS DC"
46	A1		Electric terminal - "Fuse - house"
52			
106	JE2		Control box: Water level - Forward tank
108			Gauge - Forward tank
122	1S1A		Terminal strip : Forward navigation lights
123	1S1B	25 W	Navigation light - forward port
124	1S1C	25 W	Navigation light - forward starboard
141			
142	1L..		1L shunt
143	1L1C	5 W	Overhead light with switch - Forward cabin
144			
145	1L1B	5 W	Overhead light with switch - Saloon - Central
153			10 way connector : Deck system - Pillar
154			2 way connector : Deck system - Pillar
156			
158	2L1A	5 W	Overhead light with switch - Port forward cabin
163			
164	2L2A 2L2B	5 W	Overhead light with switch - Starboard forward cabin
168			4 way connector : Hull system - Gangway - Port side
169			4 way connector : Hull system - Gangway - Starboard
171			
183	1F2A		12 V DC socket - Port forward cabin
187			
215	1VE1A-1VE1B		Precabing - Ventilator - Forward cabin
216	1VE1B		Precabing - Ventilator - Port saloon
217	1VE2A		Precabing - Ventilator - Starboard saloon
220	JE2		3 way connector : Hull system - Control box - Water level - Forward tank
222			

VERSION: 3 CABINS

ELECTRICITY



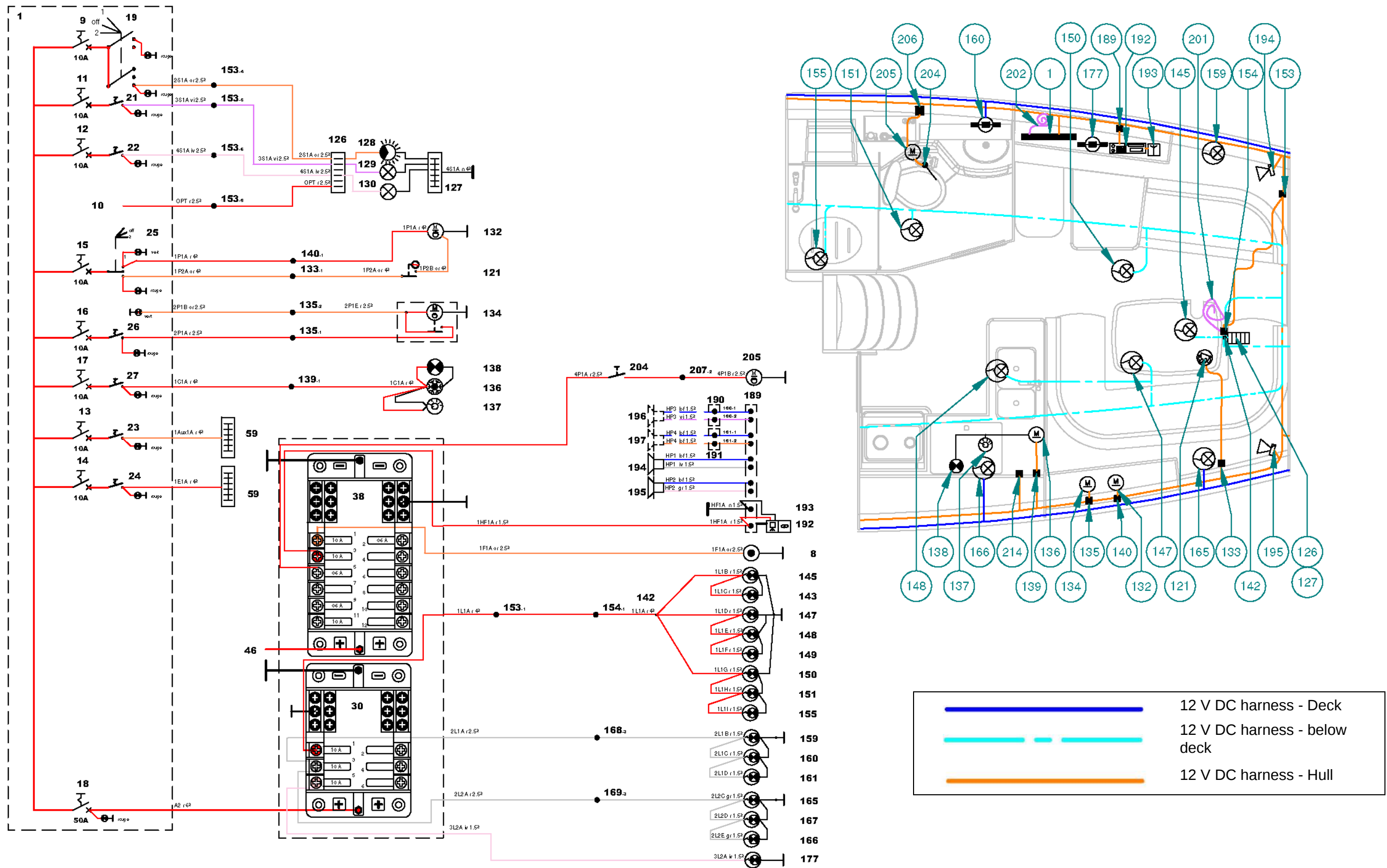
12 V DC ELECTRICAL SCHEMATIC DIAGRAM - (SALOON - GALLEY)

VERSION: 3 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	140			2 way connector : Hull system - Bilge pump
8	1F1A		12 V DC socket - Electrical panel	142	1L..		1L shunt
9	1S1A-1S2A	10 A	Breaker "Navigation light /Engine navigation light"	143	1L1B1L1C	5 W	Overhead light with switch - forward cabins -
10	OPT		Pre-fitted wires for optional extras	145	1L1B	5 W	Overhead light with switch - Saloon - Central
11	3S1A	10 A	Breaker "Mooring light"	146			
12	4S1A	10 A	Breaker "Deck light"	147	1L1D 1L1E	5 W	Overhead light with switch - Saloon - Starboard
13	AUX	10 A	Breaker "Auxiliary" (Optional equipment)	148	1L1E 1L1F	5 W	Overhead light with switch - Galley
14	1E(1,2)A	10 A	Breaker "Navigation electronics"	149	1L1F	5 W	Overhead light with switch - Aft cabin - Starboard
15	1P1A-1P2A	10 A	Breaker "Bilge pump"	150	1L1G 1L1H	5 W	Overhead light with switch - Saloon - Port side
16	2P1A-2P1B-J E	10 A	Breaker "Water unit"	151	1L1H 1L1I	5 W	Overhead light with switch - Head version
17	1C1A	10 A	Breaker "Refrigeration unit"	152	1L1I	5 W	Overhead light with switch - Aft cabin - Port side
18	A2	50 A	General circuit breaker "Interior lighting"	153			10 way connector : Deck system - Pillar
19			Switch "Navigation light / Engine navigation light"	154			2 way connector : Deck system - Pillar
20				156			
21			Switch "Mooring light"	159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon
22			Switch "Deck light"	160	2L1C 2L1D	5 W	Fluorescent lamp in washroom - Port aft
23			Switch "Auxiliary" (Optional equipment)	161	2L1D	5 W	Overhead light with switch - Port aft cabin
24			Switch "Navigation electronics"	165	2L2C 2L2D	5 W	Overhead light with switch - Starboard saloon
25			Switch "Bilge pump"	166	2L2E	5 W	Overhead light with switch - Starboard cabin
26			Switch "Water unit"	167	2L2D 2L3E	5 W	Overhead light with switch - Port aft cabin
27			Switch "Refrigeration unit"	168			4 way connector : Hull system - Gangway - Port side
29				169			4 way connector : Hull system - Gangway - Starboard
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	170			
37				177	3L2A	10 W	Lamp - NAV station
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	178			
46	A1		Electric terminal - "Fuse - house"	189			
52				190	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra
121	2P1A		Float switch - bilge pump	191	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra
125				192	1HF1A	20 W	Hifi
126			Terminal strip : Power supply - mast foot	193	ANT		Antenna - electronic Hifi Saloon
127	4S1A		Terminal strip : Negative terminal mast foot	194	HP1		Speaker - port saloon
128	2S1A	25 W	Steaming light	195	HP2		Speaker - starboard saloon
129	3S1A	10 W	Mooring light	196	HP3		Loudspeaker outside to port (Optional equipment)
130	4S1A	35 W	Deck light	197	HP4		Loudspeaker outside to starboard (Optional equipment)
131				198			2 way connector : Hull system - Stern light
132	1P1A	70 W	Bilge pump	201	VHF		VHF cable (Mast foot)
133			2 way connector : Hull system - Bilge pump - Sump	202	VHF		VHF cable (Electrical panel)
134	2P1B	70 W	Water unit	203			
135			3 way connector : Hull system - Water unit	204	4P1A-4P1B		Switch - shower pump - Port aft head compartment
136	1C1A	60 W	Refrigeration unit	205	4P1B	70 W	Shower pump - Port aft head compartment
137			Thermostat - refrigeration unit	206	4P1B		2 way connector : Hull system - System: Switch - shower pump - Port aft
138		10 W	Lighting - Refrigeration unit	207	4P1A-4P1B		2 way connector : Hull system - System: Shower pump - Port aft
139			2 way connector : Hull system - Refrigeration unit	214	GAZ		Precabing - Electromagnetic valve for gas

12 V DC ELECTRICAL SCHEMATIC DIAGRAM - (SALOON - GALLEY)

VERSION: 2 CABINS



12 V DC ELECTRICAL SCHEMATIC DIAGRAM - (SALOON - GALLEY)

VERSION: 3 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	140			2 way connector : Hull system - Bilge pump
8	1F1A		12 V DC socket - Electrical panel	142	1L..		1L shunt
9	1S1A-1S2A	10 A	Breaker "Navigation light /Engine navigation light"	143	1L1B1L1C	5 W	Overhead light with switch - forward cabins -
10	OPT		Pre-fitted wires for optional extras	145	1L1B	5 W	Overhead light with switch - Saloon - Central
11	3S1A	10 A	Breaker "Mooring light"	146			
12	4S1A	10 A	Breaker "Deck light"	147	1L1D 1L1E	5 W	Overhead light with switch - Saloon - Starboard
13	AUX	10 A	Breaker "Auxiliary" (Optional equipment)	148	1L1E 1L1F	5 W	Overhead light with switch - Galley
14	1E(1,2)A	10 A	Breaker "Navigation electronics"	149	1L1F	5 W	Overhead light with switch - Aft cabin - Starboard
15	1P1A-1P2A	10 A	Breaker "Bilge pump"	150	1L1G 1L1H	5 W	Overhead light with switch - Saloon - Port side
16	2P1A-2P1B-J E	10 A	Breaker "Water unit"	151	1L1H 1L1I	5 W	Overhead light with switch - Head version
17	1C1A	10 A	Breaker "Refrigeration unit"	152	1L1I	5 W	Overhead light with switch - Aft cabin - Port side
18	A2	50 A	General circuit breaker "Interior lighting"	153			10 way connector : Deck system - Pillar
19			Switch "Navigation light / Engine navigation light"	154			2 way connector : Deck system - Pillar
20				156			
21			Switch "Mooring light"	159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon
22			Switch "Deck light"	160	2L1C 2L1D	5 W	Fluorescent lamp in washroom - Port aft
23			Switch "Auxiliary" (Optional equipment)	161	2L1D	5 W	Overhead light with switch - Port aft cabin
24			Switch "Navigation electronics"	165	2L2C 2L2D	5 W	Overhead light with switch - Starboard saloon
25			Switch "Bilge pump"	166	2L2E	5 W	Overhead light with switch - Starboard cabin
26			Switch "Water unit"	167	2L2D 2L3E	5 W	Overhead light with switch - Port aft cabin
27			Switch "Refrigeration unit"	168			4 way connector : Hull system - Gangway - Port side
29				169			4 way connector : Hull system - Gangway - Starboard
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	170			
37				177	3L2A	10 W	Lamp - NAV station
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	178			
46	A1		Electric terminal - "Fuse - house"	189			
52				190	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra
121	2P1A		Float switch - bilge pump	191	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra
125				192	1HF1A	20 W	Hifi
126			Terminal strip : Power supply - mast foot	193	ANT		Antenna - electronic Hifi Saloon
127	4S1A		Terminal strip : Negative terminal mast foot	194	HP1		Speaker - port saloon
128	2S1A	25 W	Steaming light	195	HP2		Speaker - starboard saloon
129	3S1A	10 W	Mooring light	196	HP3		Loudspeaker outside to port (Optional equipment)
130	4S1A	35 W	Deck light	197	HP4		Loudspeaker outside to starboard (Optional equipment)
131				198			2 way connector : Hull system - Stern light
132	1P1A	70 W	Bilge pump	201	VHF		VHF cable (Mast foot)
133			2 way connector : Hull system - Bilge pump - Sump	202	VHF		VHF cable (Electrical panel)
134	2P1B	70 W	Water unit	203			
135			3 way connector : Hull system - Water unit	204	4P1A-4P1B		Switch - shower pump - Port aft head compartment
136	1C1A	60 W	Refrigeration unit	205	4P1B	70 W	Shower pump - Port aft head compartment
137			Thermostat - refrigeration unit	206	4P1B		2 way connector : Hull system - System: Switch - shower pump - Port aft
138		10 W	Lighting - Refrigeration unit	207	4P1A-4P1B		2 way connector : Hull system - System: Shower pump - Port aft
139			2 way connector : Hull system - Refrigeration unit	214	GAZ		Precabing - Electromagnetic valve for gas



12 V DC ELECTRICAL SCHEMATIC DIAGRAM - AFT CABIN

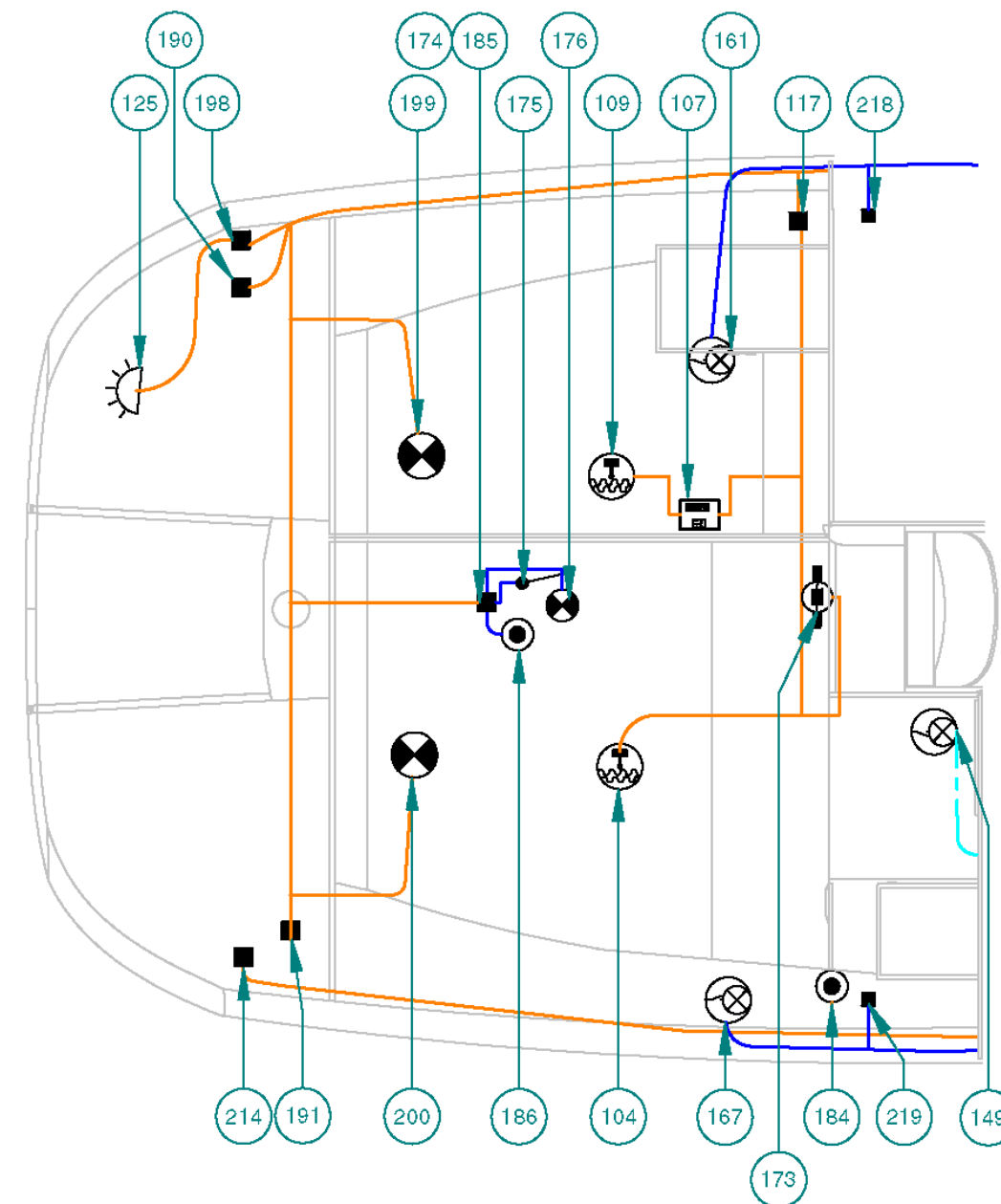
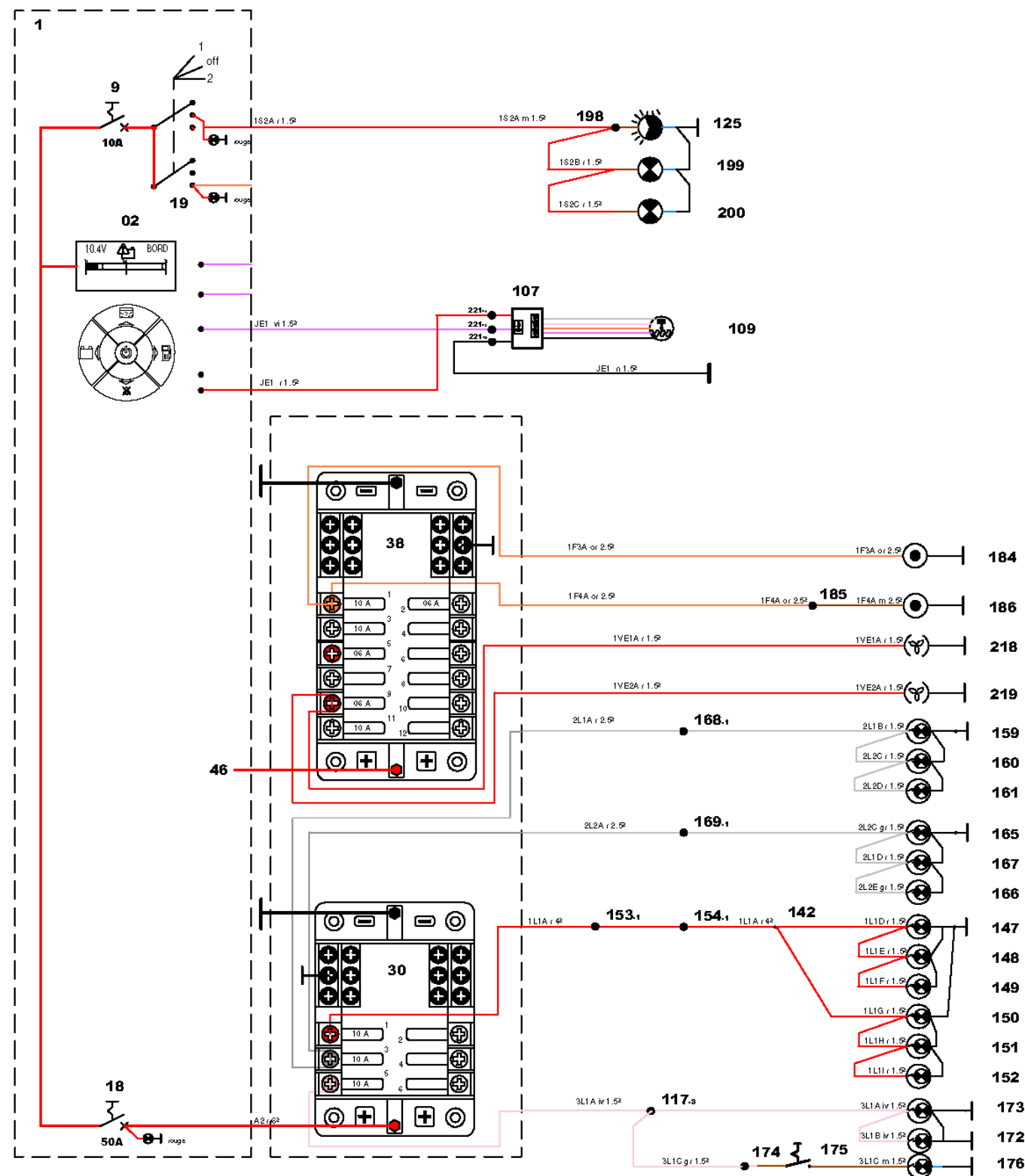
VERSION: 3 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENC E	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENC E	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	160	2L1C 2L1D	5 W	Fluorescent lamp in washroom - Port aft
2			Multi-function display	161	2L1D	5 W	Overhead light with switch - Port aft cabin
9	1S1A-1S2A	10 A	Breaker "Navigation light /Engine navigation light"	165	2L2C 2L2D	5 W	Overhead light with switch - Starboard saloon
10				166	2L2E	5 W	Overhead light with switch - Starboard cabin
18	A2	50 A	General circuit breaker "Interior lighting"	167	2L2D 2L3E	5 W	Overhead light with switch - Port aft cabin
19			Switch "Navigation light / Engine navigation light"	168			4 way connector : Hull system - Gangway - Port side
20				169			4 way connector : Hull system - Gangway - Starboard
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	170			
37				172	3L1A3L1B	25 W	Lamp - port AFT cabin
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	173	3L1B3L1C	25 W	Lamp - starboard AFT cabin
46	A1		Electric terminal - "Fuse - house"	174			Connector : Hull system - Cockpit lighting
47				175	3L1C		Switch of cockpit table light
104	JF1		Fuel oil gauge transmitter	176	3L1D	10 W	Light - cockpit table
107	JE1		Control box: Water level - Aft tank	177			
109			Gauge - Aft tank	178			
125	1S2A	10 W	Stern light	184	1F3A		12 V DC socket - Port side - Starboard aft cabin
141				185			Connector : Hull system - 12 V DC socket - cockpit table
142	1L..		1L shunt	186	1F4A		12 V DC socket - Cockpit table
147	1L1D 1L1E	5 W	Overhead light with switch - Saloon - Starboard	187	1F5A		12 V DC socket - Port forward cabin
148	1L1E 1L1F	5 W	Overhead light with switch - Galley	190	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra
149	1L1F	5 W	Overhead light with switch - Aft cabin - Starboard	191	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra
150	1L1G 1L1H	5 W	Overhead light with switch - Saloon - Port side	198			2 way connector : Hull system - Stern light
151	1L1H 1L1I	5 W	Overhead light with switch - Head version	199	1S2B 1S2C	2 W	Compass light - Port side
152	1L1I	5 W	Overhead light with switch - Aft cabin - Port side	200	1S2C	2 W	Compass light - Starboard
153			10 way connector : Deck system - Pillar	214	GAZ		Precabbling - Electromagnetic valve for gas
154			2 way connector : Deck system - Pillar	218	1VE1A		Precabbling - Ventilator - Port aft cabin
156				219	1VE2A		Precabbling - Ventilator - Starboard aft cabin
159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon	221	JE1		3 way connector : Hull system - Control box - Water level - Aft tank

12 V DC ELECTRICAL SCHEMATIC DIAGRAM (AFT CABIN)

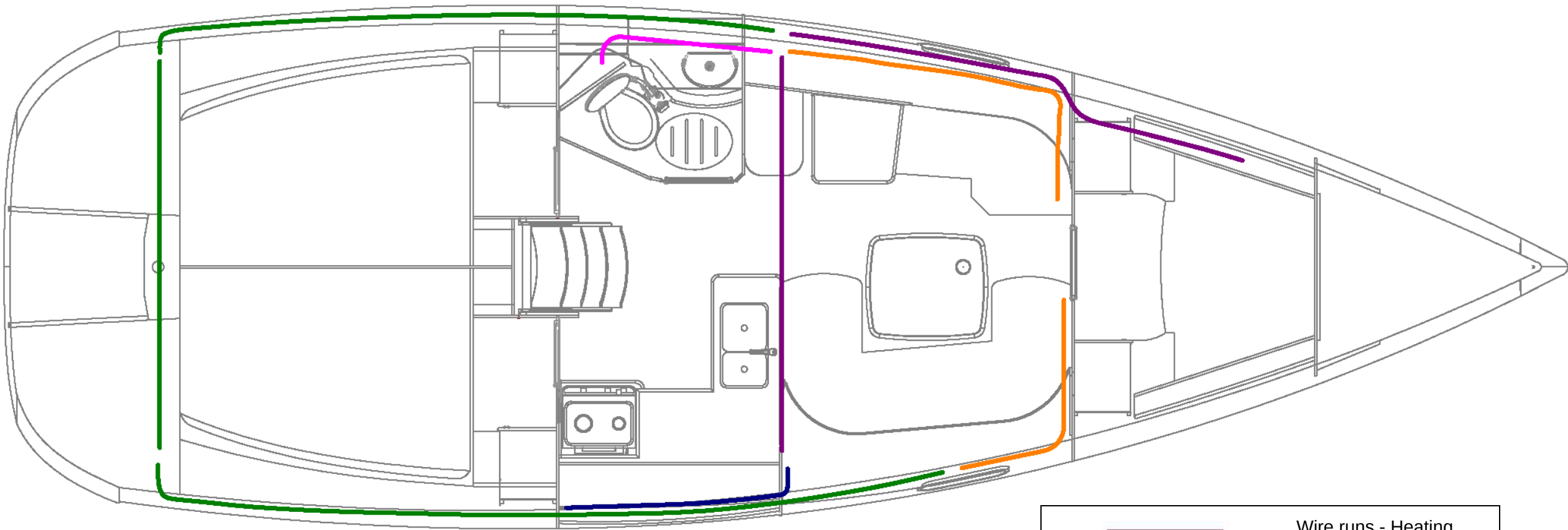
VERSION: 2 CABINS

ELECTRICITY

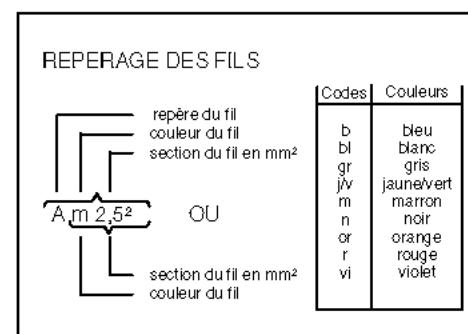


12 V DC ELECTRICAL SCHEMATIC DIAGRAM (AFT CABIN)**VERSION: 2 CABINS**

REFERENCE ON DIAGRAM	WIRE REFERENC E	AMPERAGE OR WATTAGE	FUNCTIONS	REFERENCE ON DIAGRAM	WIRE REFERENC E	AMPERAGE OR WATTAGE	FUNCTIONS
1			Electrical panel "DC AMPS / 12 V VOLTS DC"	160	2L1C 2L1D	5 W	Fluorescent lamp in washroom - Port aft
2			Multi-function display	161	2L1D	5 W	Overhead light with switch - Port aft cabin
9	1S1A-1S2A	10 A	Breaker "Navigation light /Engine navigation light"	165	2L2C 2L2D	5 W	Overhead light with switch - Starboard saloon
10				166	2L2E	5 W	Overhead light with switch - Starboard cabin
18	A2	50 A	General circuit breaker "Interior lighting"	167	2L2D 2L3E	5 W	Overhead light with switch - Port aft cabin
19			Switch "Navigation light / Engine navigation light"	168			4 way connector : Hull system - Gangway - Port side
20				169			4 way connector : Hull system - Gangway - Starboard
30			Electric terminal - Lighting "DC AMPS / 12 V VOLTS DC"	170			
37				172	3L1A3L1B	25 W	Lamp - port AFT cabin
38			Electric terminal "DC AMPS / 12 V VOLTS DC"	173	3L1B3L1C	25 W	Lamp - starboard AFT cabin
46	A1		Electric terminal - "Fuse - house"	174			Connector : Hull system - Cockpit lighting
47				175	3L1C		Switch of cockpit table light
104	JF1		Fuel oil gauge transmitter	176	3L1D	10 W	Light - cockpit table
107	JE1		Control box: Water level - Aft tank	177			
109			Gauge - Aft tank	178			
125	1S2A	10 W	Stern light	184	1F3A		12 V DC socket - Port side - Starboard aft cabin
141				185			Connector : Hull system - 12 V DC socket - cockpit table
142	1L..		1L shunt	186	1F4A		12 V DC socket - Cockpit table
147	1L1D 1L1E	5 W	Overhead light with switch - Saloon - Starboard	187	1F5A		12 V DC socket - Port forward cabin
148	1L1E 1L1F	5 W	Overhead light with switch - Galley	190	HP3		2 way connector : Hull system - Harness of outside loudspeaker optional extra
149	1L1F	5 W	Overhead light with switch - Aft cabin - Starboard	191	HP4		2 way connector : Hull system - Harness of outside loudspeaker optional extra
150	1L1G 1L1H	5 W	Overhead light with switch - Saloon - Port side	198			2 way connector : Hull system - Stern light
151	1L1H 1L1I	5 W	Overhead light with switch - Head version	199	1S2B 1S2C	2 W	Compass light - Port side
152	1L1I	5 W	Overhead light with switch - Aft cabin - Port side	200	1S2C	2 W	Compass light - Starboard
153			10 way connector : Deck system - Pillar	214	GAZ		Precabbling - Electromagnetic valve for gas
154			2 way connector : Deck system - Pillar	218	1VE1A		Precabbling - Ventilator - Port aft cabin
156				219	1VE2A		Precabbling - Ventilator - Starboard aft cabin
159	2L1B 2L1C	5 W	Overhead light with switch - Port saloon	221	JE1		3 way connector : Hull system - Control box - Water level - Aft tank

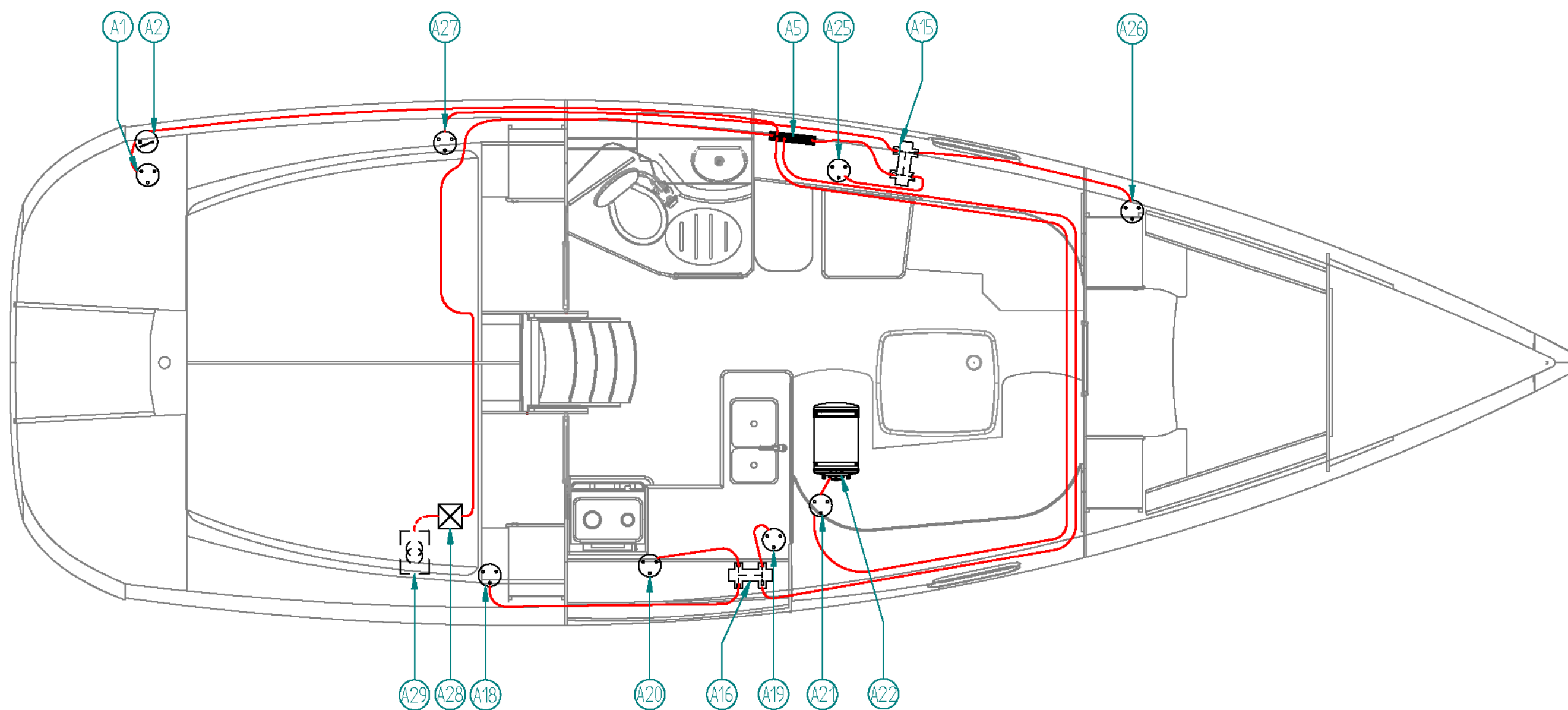


	Wire runs - Heating
	D63 wire run
	D50 wire run
	D40 wire run
	D32 wire run



230 V AC ELECTRICAL SCHEMATIC DIAGRAM

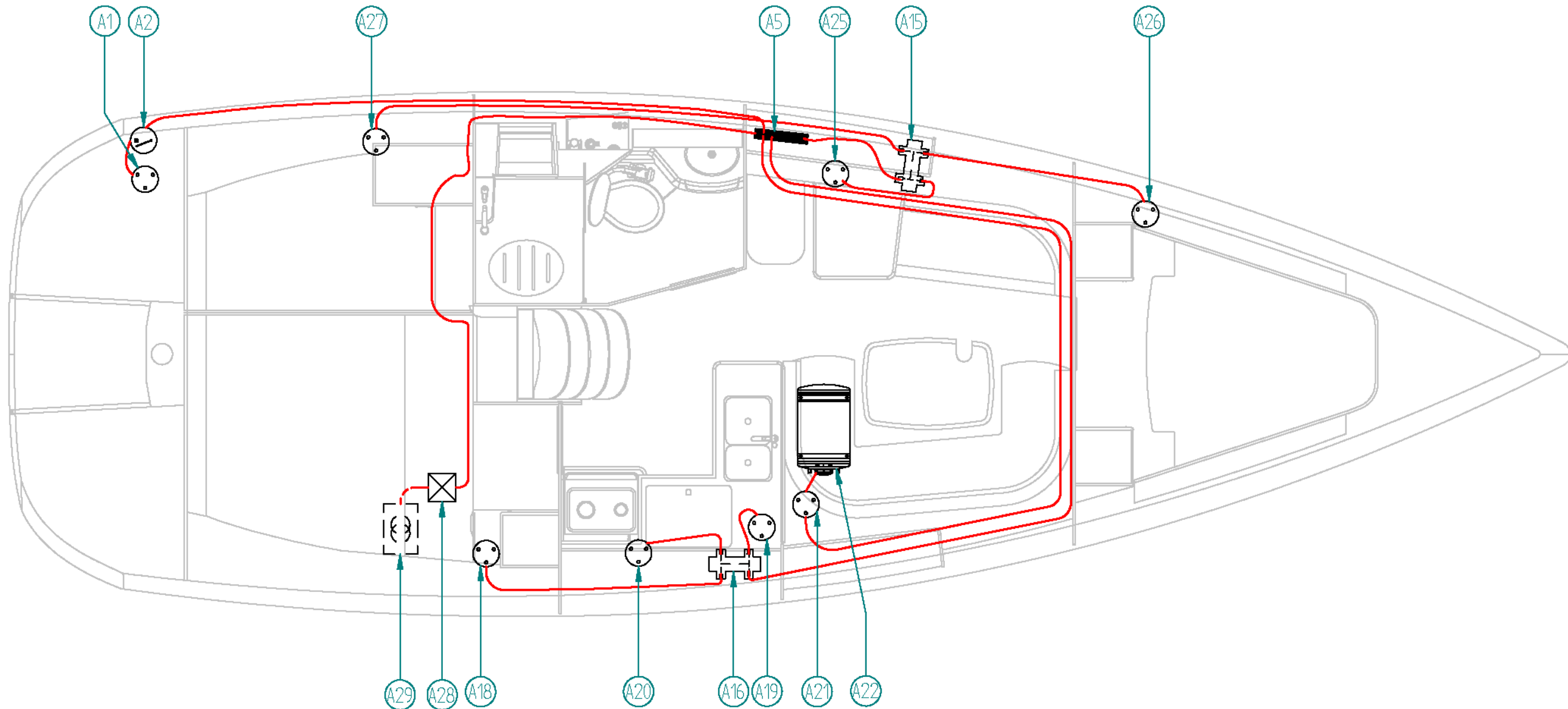
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16 A	Shore power socket
A2	A2	16 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A6	A6	15 A	Bipolar circuit breaker "Water heater"
A7	A7	15 A	Bipolar circuit breaker "Battery charger"
A8	A8	15 A	Bipolar circuit breaker "AC sockets"
A9			
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115 V AC	Warning light - reversal of polarity
A12			
A13			
A14			
A15	A15		Connector - 230 V AC - Port side
A16	A16		Connector - 230 V AC - Starboard
A18	A18		230 V AC socket - Starboard aft cabin
A19	A19		230 V AC socket - Galley
A20	A20		230 V AC socket - Microwave
A21	A21		230 V AC socket - Water heater
A22	A22		Water heater
A23			
A24			
A25	A25		230 V AC socket - Chart table
A26	A26		230 V AC socket - Port forward cabin
A27	A27		230 V AC socket - Port aft cabin
A28	A28		Connector "Charger"
A29	A29	40 A -230 V AC	Charger (Optional equipment)
A31	A31		Connector: "Supply - Panel"
A32	A32		Connector "Water heater - Charger"
A33	A33		Connector "Sockets"



230 V AC ELECTRICAL PASSAGE

VERSION: 3 CABINS

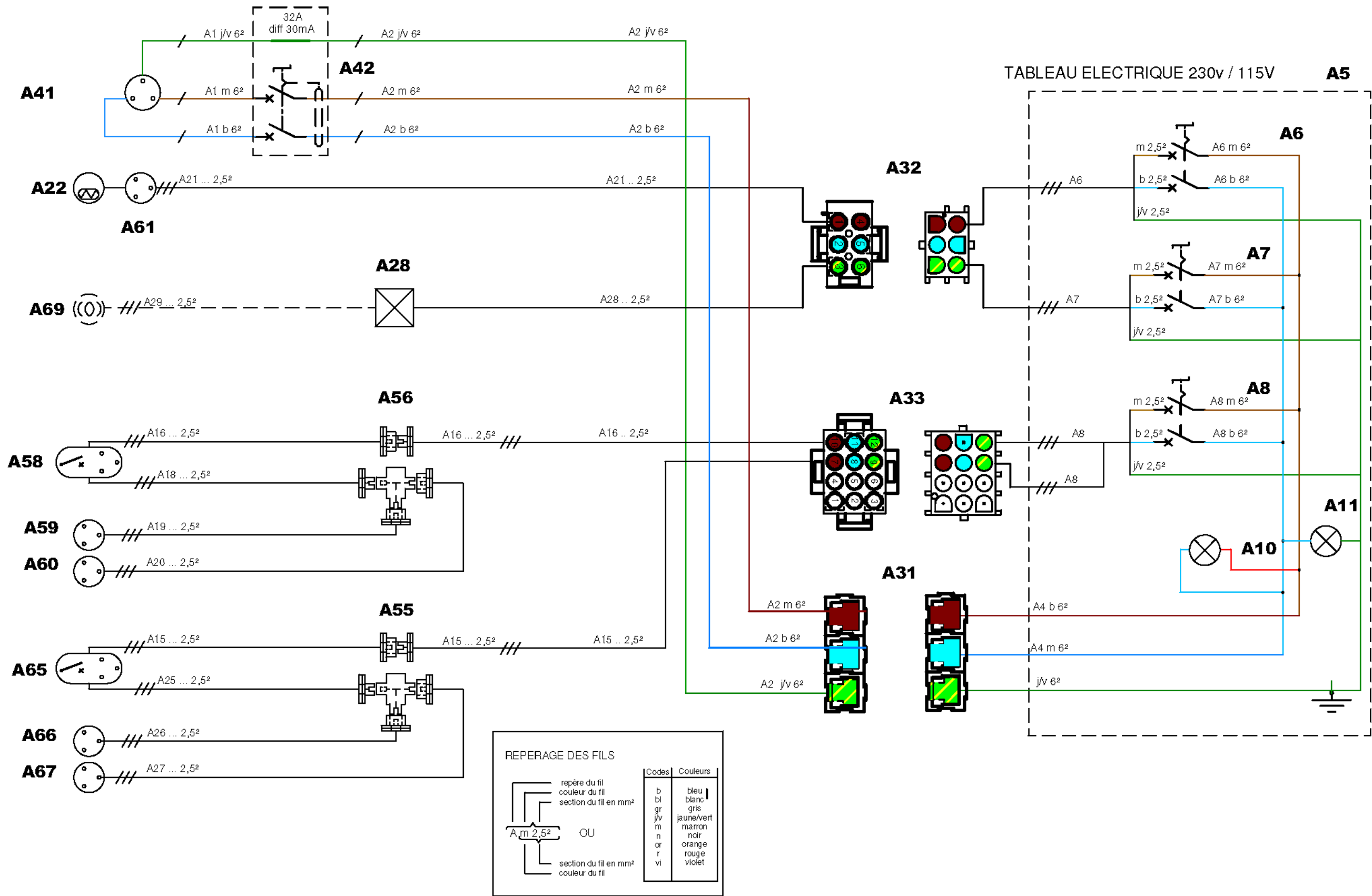
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16 A	Shore power socket
A2	A2	16 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A15	A15		Connector - 230 V AC - Port side
A16	A16		Connector - 230 V AC - Starboard
A18	A18		230 V AC socket - Starboard aft cabin
A19	A19		230 V AC socket - Galley
A20	A20		230 V AC socket - Microwave
A21	A21		230 V AC socket - Water heater
A22	A22		Water heater
A25	A25		230 V AC socket - Chart table
A26	A26		230 V AC socket - Port forward cabin
A27	A27		230 V AC socket - Port aft cabin
A28	A28		Connector "Charger"



230 AC ELECTRICAL PASSAGE

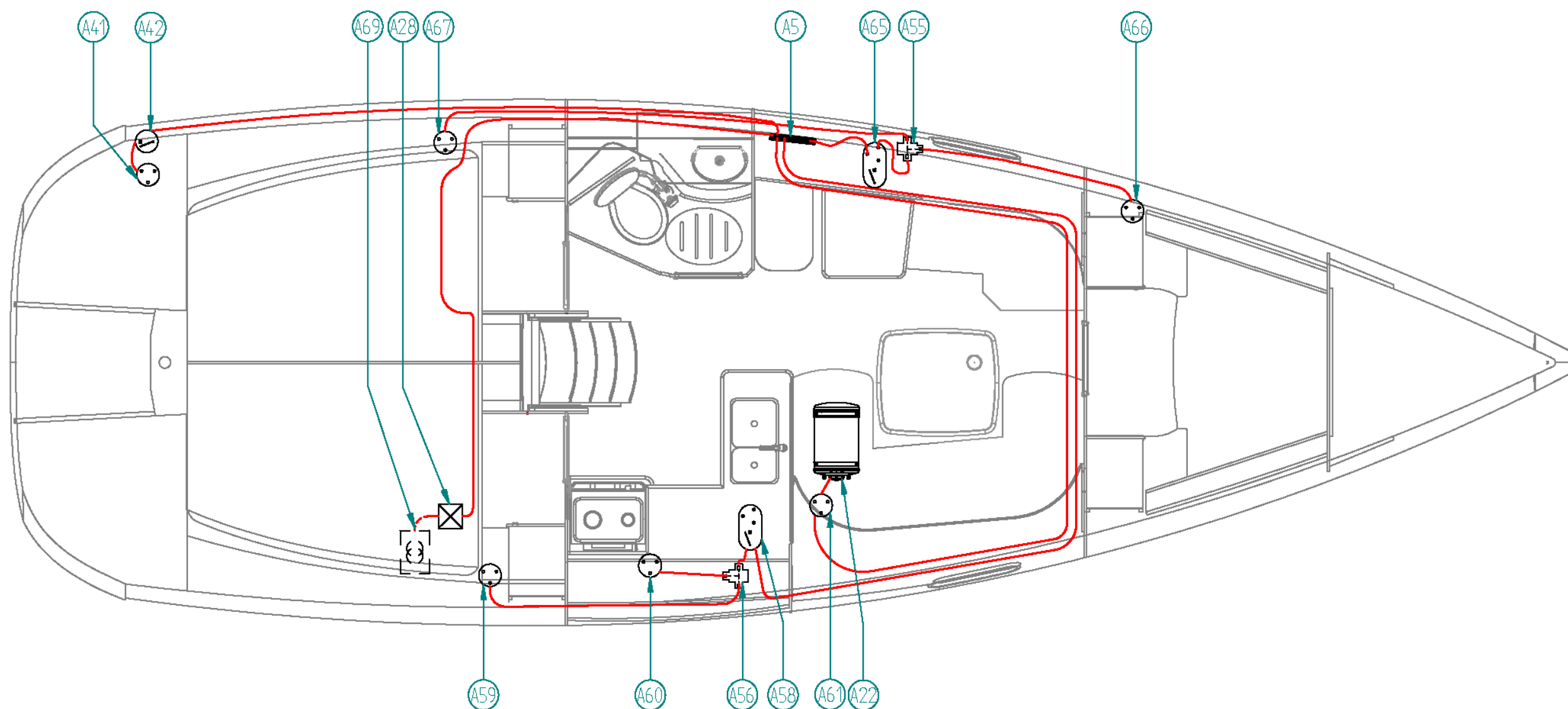
VERSION: 2 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A1	A1	16 A	Shore power socket
A2	A2	16 A-30 mA	Differential circuit breaker
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A15	A15		Connector - 230 V AC - Port side
A16	A16		Connector - 230 V AC - Starboard
A18	A18		230 V AC socket - Starboard aft cabin
A19	A19		230 V AC socket - Galley
A20	A20		230 V AC socket - Microwave
A21	A21		230 V AC socket - Water heater
A22	A22		Water heater
A25	A25		230 V AC socket - Chart table
A26	A26		230 V AC socket - Port forward cabin
A27	A27		230 V AC socket - Port aft cabin
A28	A28		Connector "Charger"



115 V AC ELECTRICAL SCHEMATIC DIAGRAM

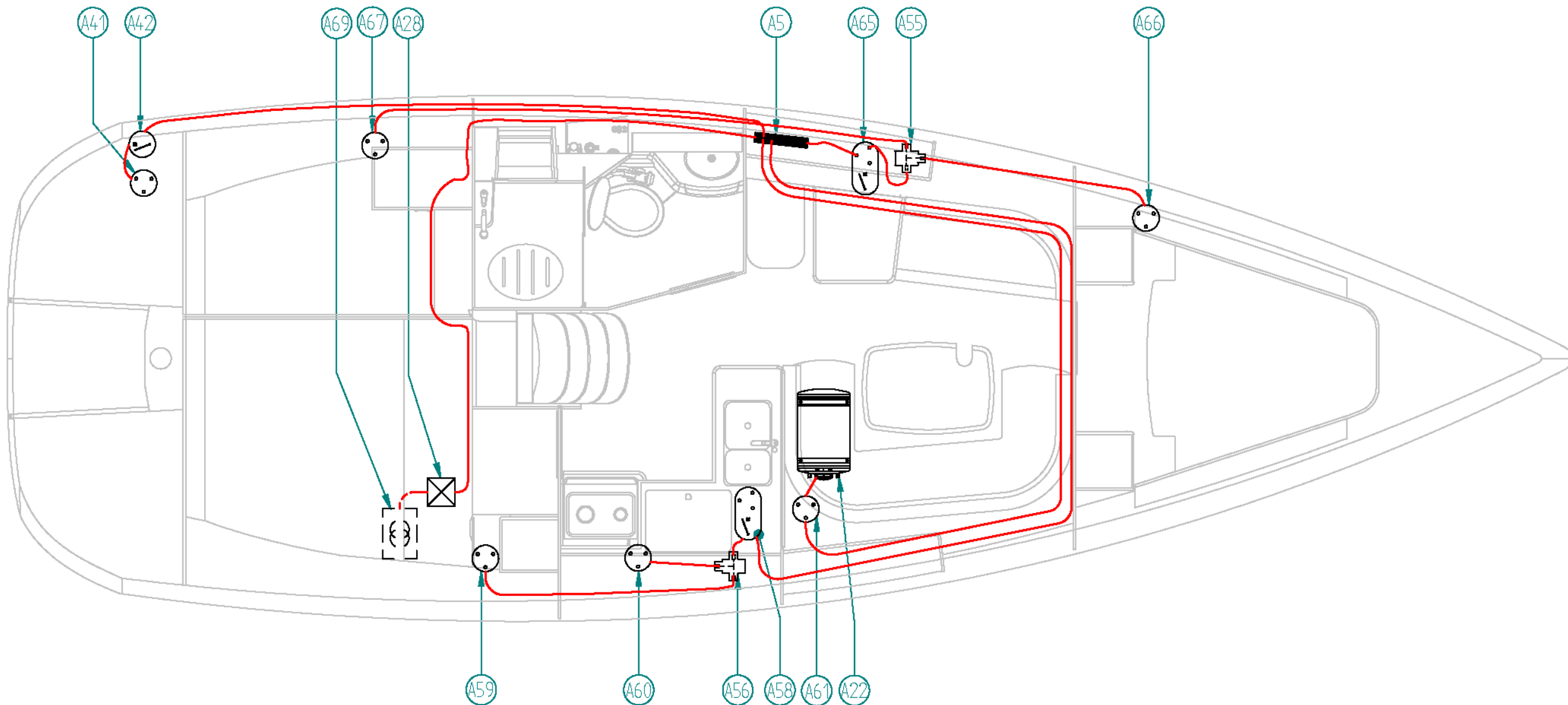
REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A5	A5		Electrical panel 230 V - 115 V AC
A6	A6	15 A	Bipolar circuit breaker "Water heater"
A7	A7	15 A	Bipolar circuit breaker "Battery charger"
A8	A8	15 A	Bipolar circuit breaker "AC sockets"
A9			
A10	A10		Live shore power line warning light - "Shore Power"
A11	A11	115 V AC	Warning light - reversal of polarity
A12			
A22	A22		Water heater
A23			
A24			
A28	A28		Connector "Charger"
A30			
A31	A31		Connector: "Supply - Panel"
A32	A32		Connector "Water heater - Charger"
A33	A33		Connector "Sockets"
A34			
A41		32 A	Shore power socket
A42		32 A - 30 mA	Differential circuit breaker
A43			
A55	A15		Connector - 115 V AC - Port side
A56	A16		Connector - 115 V AC - Starboard
A58	A18		115 V AC socket - Starboard aft cabin
A59	A19		115 V AC differential socket - Galley
A60	A20		115 V AC socket - Microwave
A61	A21		115 V AC socket - Water heater
A62			
A65	A25		115 V AC differential socket - Chart table
A66	A26		115 V AC socket - Port forward cabin
A67	A27		115 V AC socket - Port aft cabin
A68			
A69	A29	40 A-115 V AC	Charger (Optional equipment)
A70			



115 V AC ELECTRICAL PASSAGE

VERSION: 3 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A17			
A22	A22		Water heater
A23			
A28	A28		Connector "Charger"
A30			
A31	A31		Connector: "Supply - Panel"
A32	A32		Connector "Water heater - Charger"
A33	A33		Connector "Sockets"
A34			
A41		32 A	Shore power socket
A42		32 A - 30 mA	Differential circuit breaker
A43			
A55	A15		Connector - 115 V AC - Port side
A56	A16		Connector - 115 V AC - Starboard
A58	A18		115 V AC socket - Starboard aft cabin
A59	A19		115 V AC differential socket - Galley
A60	A20		115 V AC socket - Microwave
A61	A21		115 V AC socket - Water heater
A62			
A65	A25		115 V AC differential socket - Chart table
A66	A26		115 V AC socket - Port forward cabin
A67	A27		115 V AC socket - Port aft cabin
A68			
A69	A29	40 A-115 V AC	Charger (Optional equipment)
A70			



115 V AC ELECTRICAL PASSAGE

VERSION: 2 CABINS

REFERENCE ON DIAGRAM	WIRE REFERENCE	AMPERAGE OR WATTAGE	FUNCTIONS
A3			
A5	A5		Electrical panel 230 V - 115 V AC
A17			
A22	A22		Water heater
A23			
A28	A28		Connector "Charger"
A30			
A31	A31		Connector: "Supply - Panel"
A32	A32		Connector "Water heater - Charger"
A33	A33		Connector "Sockets"
A34			
A41		32 A	Shore power socket
A42		32 A - 30 mA	Differential circuit breaker
A43			
A55	A15		Connector - 115 V AC - Port side
A56	A16		Connector - 115 V AC - Starboard
A58	A18		115 V AC socket - Starboard aft cabin
A59	A19		115 V AC differential socket - Galley
A60	A20		115 V AC socket - Microwave
A61	A21		115 V AC socket - Water heater
A62			
A65	A25		115 V AC differential socket - Chart table
A66	A26		115 V AC socket - Port forward cabin
A67	A27		115 V AC socket - Port aft cabin
A68			
A69	A29	40 A-115 V AC	Charger (Optional equipment)
A70			